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No. 2544.

NOVEMBER 10, 1928.

Vol. CIX.



## THE BEST HOUSE FOR ALL PHARMACEUTICAL PRODUCTS

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## Christmas

## Presents

## List.



1928.

ALTHOUGH somewhat earlier than convention prescribes, we hope it is not too early to wish all our Customers a Happy Christmas.

We have been accused of publishing this List too near to Christmas itself, but the date at which it is issued is a deliberate design and not an accident.

We have found that the average Chemist relies more and more each year on *May Roberts* holding at his disposal a selection of attractive fancy lines from which he can make his selection when he wants them and not before. In an ideal world from the Manufacturers' and Wholesalers' point of view the Retailer would be thinking about his stocks months ahead but in the world as it is the harried Pharmacist hasn't a sufficiently free mind, and the business of *May Roberts* is to humour him.

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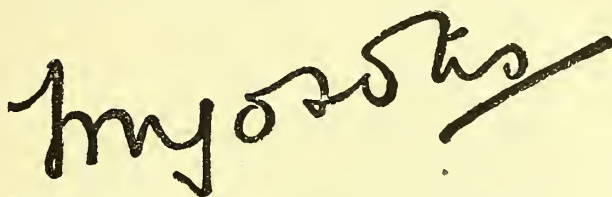
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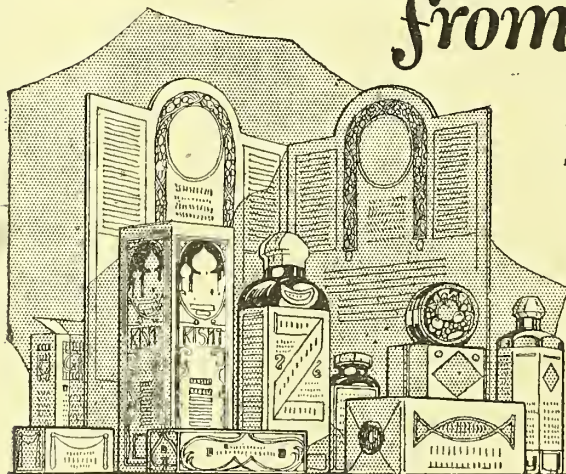
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THE ACME OF QUALITY  
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**PRIZES will NOT be  
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arrangements**

**A** SNAPSHOT of your window showing a Thawpit display, and sent to us before the end of this month, may be worth £100 to you. Neither the size of the display nor the quality of the photograph matters in the least. Prizes will be awarded for the most effective use of the materials displayed. So send along your effort, and take a sporting chance. If you are short of Cut-outs, Showcards or Dummies, write us and we will send along a supply.

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**SNAPS MUST BE IN THIS MONTH—SEND NOW**





# Educative Advertising

Surrounding this announcement we publish facsimile reproductions of some of the New Series Advertising appearing at present in the leading press of the country. Every advertisement, which occupies a space of 11 inches deep by 6½ inches wide, is designed upon educative lines—telling the public why New Mix is the only dentifrice they should use and extolling the virtue of Fruit Juices which doctors and scientists had advocated as absolutely essential to the health of teeth and gums. This substance, however, could not be introduced into a dentifrice until the New Mix "Tube within a tube" was invented.

bringing  
good  
results

TWO SIZES  
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PHARMACEUTICAL  
PREPARATION.**

**AN ENLIGHTENMENT  
AS TO PROFIT.**

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Show material for all or either.  
Bonus or payment for display.

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**JACKSON, CREDITON**



# Maw's Page



## What will your Xmas stocks be worth on January 1st.

It doesn't require a genius to see that the Christmas gift season brings opportunities for increased profits, but it does require a genius to take the fullest advantage of them.

It is easy enough to be left on January 1st with a collection of unsold goods which have a purely Christmas appeal and, consequently, are dead stock and have to be sold at a loss.

Choose your Christmas stocks wisely. Select those purely seasonal lines, which, by their sheer originality and attractiveness, must command ready sales. For the rest of your gift business, choose suitable standard lines which will retain 100 per cent. of their selling value after Christmas. Order your gift lines from Maw's Christmas List and you will be perfectly safe. In this list you will find the pick of those lines in fancy goods which appeal irresistibly to the seeker for an inexpensive and appropriate Christmas gift. You will also find a full range of standard lines which are suitable for Christmas Gifts, presented in a special Christmas packing, which, by slight alteration, can also be adapted for after Christmas sales.



*Send for Maw's Xmas List if you have not already received a copy.*

S. Maw, Son & Sons, Ltd.,  
Aldersgate St., London,  
and Barnet.



# "NERVE RESTORE" NERVE FOOD

This is not a quack remedy which you are asked to sell without information as to its composition, but a real nerve food composed of Glycerophosphate of Sodium and pure soluble Casein. The therapeutic value of these ingredients is well established and "NERVE-RESTORE" may be recommended to the public with confidence that it will do what is claimed for it.

## AN ADVERTISING CAMPAIGN

has been prepared, and advertisements will appear in the following papers:—"Evening News," "Star," and "Evening Standard." The demand of the public is sure to follow. We want to assist you in every way to meet this demand.

## TWO SIZES ONLY—

8-oz. tin - 4/3. 16-oz. tin - 8/-. Cost  
Price to retailer—34/- doz. and 64/-  
doz. with 5% extra discount for £10  
order in return for display.

"NERVE RESTORE" is already stocked by Messrs. Barkers, Harrods, and the Civil Service Supply Assoc.

The Amalgamated Laboratories are also in an exceptional position for the supply of packed lines. The prices are low, but this has not been achieved at the expense of quality. Pharmaceutical standards and absolute purity guaranteed in every case. Packed in oval bottles with white viscose caps. Labels printed bronze blue on white.

## A FEW EXAMPLES—

Compound Glycerine of Thymol B.P.C. .. ..	4-oz. ..	4/8 doz.
	8-oz. ..	7/6 "
	16-oz. ..	12/- "
Finest Norwegian Cod Liver Oil .. ..	8-oz. ..	7/9 "
	16-oz. ..	14/- "
Chemical Food .. ..	6-oz. fluid	7/- "
	12-oz. ..	11/- "
Liquid Paraffin, B.P., Sp. Gr. 885, Viscosity 290 at 100°	8-oz. ..	8/- "
	16-oz. ..	13/- "
Aspirin Tablets .. ..	25s ..	3/- "
	100s ..	6/6 "

Full particulars will be sent in response to a post card, or may be obtained at our office where samples can be seen. We hope to deserve your support by the moderate prices, high quality and promptness of service which we offer.

A TRIAL ORDER WILL CONVINCE YOU.

# AMALGAMATED LABORATORIES LTD.

STAPLE INN BUILDINGS (SOUTH)

HIGH HOLBORN W.C.

PHONE HOLBORN 0688





He was snuffing

**Danger!**

She was sniffing

there was a draught were YOU protected?

**EVANS' THROAT Pastilles**

1/- PER TIN

Your guarantee in Throat Hygiene. Made by Evans Sons Lescher & Webb, Ltd., Liverpool.

Our advertising in the National and Provincial press, as is shown above, is now in full swing on a large scale. Have you ordered YOUR stock and taken advantage of our special bonus offer?

*Evans'*

**EVANS SONS LESCHER & WEBB, LTD.**  
LIVERPOOL & LONDON

To-day's best investment—a case of

# R.S.M.

(Reigate Standard Mint)

English re-distilled and blended PEPPERMINT OIL



**White, Tomkins & Courage Ltd.**  
**Reigate, Surrey**

Telegrams : Esswhite, Reigate.

Telephone : Reigate 480.

FOR THE MONTH OF NOVEMBER ONLY

**HAVE YOU TAKEN ADVANTAGE**

*Of the Special*

**"QUINPHOS" BONUS ?**  
**OFFER**

**IN CONNECTION WITH THE NEW ADVERTISING CAMPAIGN**

A show in your window brings 6 BONUS with a  
£2 order and 18 BONUS with a £5 order.

**BONUS ORDER NO. 1**

**"QUINPHOS" assorted liquid or tablets**

**OUTLAY £1 19 3**

**PROFIT £1 2 3**

**36%**

**BONUS ORDER NO. 2**

**"QUINPHOS" assorted liquid or tablets**

**OUTLAY £4 17 1**

**PROFIT £2 18 11**

**38%**

*Please send post card for particulars*

**THOMPSON & CAPPER, LTD.**

**Manesty Buildings, College Lane, LIVERPOOL**



# ANOTHER FINE WINDOW



*This splendid Cut-out Showcard in full colours is now available*

## NEW P.A.T.A. PRICES

Large Size .. **1/9**

Small Size .. 1/-

Trade price .. **12/-** dozen

Trade price .. **7/-** dozen



# HOVENDEN'S BATH & TOILET SOAP



No. 4712a. Assorted colors and perfumes, boxed  $\frac{1}{2}$  doz., 4/9 doz. tablets, Also supplied in Coal Tar.

## BATH SOAPS



No. 4621a. About  $3\frac{1}{2}$  oz., boxed 1 doz. tablets, assorted perfumes, 3/9 doz.; 43/- gross.



No. 4621.—Large size (about 7 oz.) assorted perfumes, boxed  $\frac{1}{2}$  doz., 7/6 doz.; 84/- gross.



No. 4180.

## TOILET SOAPS

No. 233	Curd .. ..	doz.	2/10
" 232	Castile .. ..		2/7
" 4180	Toilet Assorted, boxed 12's (as illus.) .. ..		3/-
" 4180a	Ditto, ditto .. ..		2/6
" 4180b	Ditto, boxed 18's .. ..		2/-
" 4180a	Coal Tar, boxed 12's .. ..		2/6
" 4243	Buttermilk, ditto .. ..		3/-
" 4244	Oatmeal, ditto .. ..		3/-
" 4623	Boracic Oatmeal, large size .. ..		3/9
" 5029	Violet, special do. .. ..		3/9

Special quotations for quantities.

## MEDICATED PINE TAR TOILET SOAP



Each tablet cellophane wrapped. Packed in counter box of 1 doz. (as illus.) - 3/- doz.

## R. HOVENDEN & SONS, LTD.

LONDON : 29-33 Berners St., W.1 and 89-95 City Road, E.C.1  
Telephone: Museum 2810 (3 lines.) Telephone: Clerkenwell 7601 (3 lines).





## BIGGER SALES MORE PROFIT

**W**HEN you lift down the familiar Castols canister do not lose sight of the Castols tins, retailing at 9d. and 1/6. Every customer for the popular 1½d. packet is a potential buyer of one or other of these tins.

Point out the convenience of having a supply of Castols in the house always ready for use when required. The extra profit per sale makes the extra effort well worth while.



### TRADE PRICES

1½d. Packets .. ..	12/- gross
9d. Tins (P.A.T.A.) ..	6/6 dozen
1/6 Tins (P.A.T.A.) ..	13/- dozen

To EXPORT BUYERS—All orders and enquiries should be addressed to our Sole Export Agents  
Wm. ALFRED JONES Ltd., West India House, Liverpool.

**THOMAS KERFOOT & CO. LTD.**  
BARDSLEY VALE, LANCASHIRE,  
& Bardsley House, London, N.1  
ESTABLISHED 1797.

C/464

COPYRIGHT



# DISPLAY THIS SHOW CARD and receive



# 10%

## BONUS ON AMAMI CHRISTMAS GIFT MANICURE SET



### BONUS OFFER:

1½ doz. 1/9 Almond Oil Manicure Sets	} for 27/- less 10%
1½ doz. 6d. AMAMI Nail Stones	

An attractive Compact Showcard



ORDER FROM YOUR USUAL WHOLESALER

## Some reasons

WHY YOU SHOULD SELL

## Nuctone



- 1 *NUCTONE* is guaranteed *safe*—free from para or any other harmful ingredient. It is *antiseptic*, and cannot possibly harm the most sensitive skin.
- 2 *NUCTONE* is the ideal home-treatment; gradual in its action, easy to apply, and giving natural, permanent results that are always satisfactory. It is the only modern preparation for hair colouring that enables the hair to be treated in every way as before recoloration.
- 3 *There are only 4 grades to stock*; two for fair hair and two for dark—Nuctone Eclairé and Eclairé Concentré; Nuctone and Nuctone Concentré.

## Nuctone for GREY HAIR

Order through your usual wholesaler or from  
J. C. GAMBLES & CO., LTD.  
211 Blackfriars Rd., London, E.C.1

Manufactured by:  
Stewart, Goodall & Dunlop, Ltd.  
4 Dering Street, London, W.1





# New- Different- and Better!

A combination of novel features in this latest success of the House of Cussons has resulted in a product which will make an instant appeal to your customers.

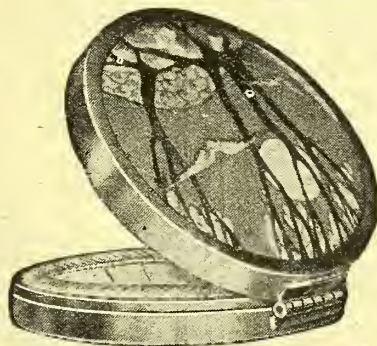
## "Mists (of the) Moon"

### Compact Powder

*Here are your selling points!*

- THE CASE** - Finished in attractive bright gilt lacquer—Underneath part has "engine-turned" pattern which does not show scratches.
- THE DESIGN** - Richly coloured lid, "Mists of the Moon" Motif, free from advertising matter.
- THE MIRROR** - Reducing type, showing the whole face.
- THE POWDER** - Delicately perfumed—smooth as velvet—in every respect—Perfection.

**The Price** - *Retails at 1/6 Have you a more attractive proposition?*



*Packed in richly coloured counter display boxes of 1/2 doz.*

# Cussons

KERSAL VALE, MANCHESTER

# MERCOLIZED WAX

— : for the Complexion : —

and

# STALLAX

— : a Shampoo : —

**TWO** substantial and well-advertised lines which show a handsome profit to the Retailer, and, moreover, may be stocked fearlessly owing to the Manufacturers' most liberal Sale or Return Guarantee.

**Both** are obtainable in two sizes, and their reputation and sterling value assure a steady turnover.

*Order through your Wholesaler, or direct from:*

**DEARBORN (1923) LIMITED**  
**37 GRAY'S INN ROAD, LONDON, W.C.1.**



## MAKE A NOTE OF IT

Don't forget to order a supply of **ANZORA**. Quick Sales and Big Profit will result if you keep a full stock. **ANZORA CREAM** for greasy scalps will not soil hat linings or pillows. **ANZORA VIOLA** for dry scalps contains a little oil of violets.

**TRADE TERMS :**  
 12/- doz., Retail at 18/-  
 20/- doz., Retail at 30/-

A Supply of Attractive Showcards and Cutouts for Window Display sent post free.

**ANZORA**  
*Masters the Hair!*

*If unable to obtain from your Wholesaler, write direct to*

**Anzora Perfumery Co., Ltd., London, N.W.6.**

## A NEW PACKING FOR **CALVERT'S** Carbolic Toilet Soap



ONE DOZEN 6d. TABLETS IN  
NEAT COUNTER DISPLAY BOX

List price **4/5** per box.

As the usual 3-tablet boxes (list price 13/6 per dozen boxes) will still be available, customers are requested to specify in their orders which form of packing they desire.

**F. C. CALVERT & CO., MANCHESTER.**





## PERFUMERY

If investing your money in either gilt-edged securities or any "wild-cat" scheme produced the same dividends there is no need to ask how you would invest.

We suggest that the same principle applies when ordering your goods. The stocking of HOUBIGANT and CHERAMY perfumes and toilet preparations is a gilt-edged security; your sales and the profit thereon is assured.

### *Stock and Display*

Your co-operation and the fame of the manufacturers will do the selling. A Client wrote us last month:—

*"I find that if I take an order for £5, the display is insufficient to attract attention and therefore the goods last for a considerable period, whereas if I have £30 worth, the goods would most probably sell in the same time as an ordinary £5 parcel."*

STOCK and DISPLAY HOUBIGANT and CHERAMY PERFUMERY in sufficient quantities to really attract attention.

### *Service*

We supply suitable Display Material; Testing Bottles for sampling our perfumes and Perfumed Cards and Sachets. Display Boxes to demonstrate shades of Powder, Rouge and Lipstick.

*Complete Price Lists from*  
**PARFUMERIES DE PARIS, LTD.**  
ACTON, LONDON, W.3.



# HEADS UP!

## THE NEW WAY IN SHAMPOOING

What was the old way of shampooing? Heads held down almost the whole time the hair was being washed. How uncomfortable. How difficult to obtain a real cleansing of hair and scalp.

With Nestlé Radion Shampoo has come a revolution in shampooing. Indeed, it is more than a new shampoo. It is a scalp massage preparation and a hair tonic besides. It cleanses and beautifies the hair as no shampoo has ever done before. Women will quickly realise its advantages, and if you show it in your window you will sell more shampoos than ever before. Men, too, will use it. And mothers will buy it for the whole family.

Produced in liquid form, Nestlé Radion Shampoo is applied while the hair is dry and the head held in an upright, natural and comfortable position. It is massaged by the finger tips into the scalp and its tonic properties and cleansing agents penetrate into every pore. The whole head is then sprinkled with water and in a second is covered with luxurious lather, which, when rinsed, carries away every trace of dirt and grease. The hair is cleansed to the very roots, the scalp tingles with new life, and a glorious sensation of freshness and vitality is experienced.

Nestlé Radion Shampoo is certain of immediate and enthusiastic comment from every one of your customers. The retail price is 1s. 9d. per tube containing enough for twelve luxurious shampoos. The price to you is 14s. per dozen. Work this out, and you will find yourself with a handsome profit on every sale.

Every Chemist who orders not less than one dozen tubes of Nestlé Radion Shampoo will receive a special introductory bonus of quarter dozen tubes free of charge.

Send your order at once through your wholesaler while this offer remains open, or fill in and post the coupon below.

### COUPON WORTH OVER

5/-



To C. Nestlé & Company,  
Limited, 48 South Molton  
Street, London, W.

Please send 1 dozen tubes  
Nestlé Radion Shampoo at  
14/- per dozen, together with  
free bonus of 1/4 dozen tubes  
and Nestlé Radion Shampoo  
Show Card.

Name .....

Address .....

Chemical Works "Flora"  
DUBENDORF, ZURICH - SWITZERLAND

Manufacturers of

## SYNTHETIC & AROMATIC CHEMICALS

SAMPLES ON and  
APPLICATION.

**CHLOROPHYLL**  
OIL AND SPIRIT - - SOLUBLE.

STOCKS HELD  
IN LONDON.

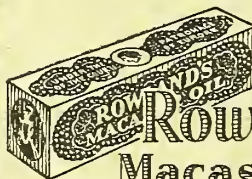
Samples and particulars from—

CHAS. ZIMMERMANN & CO. (Chemicals), LTD.  
St. Mary-at-Hill, London, E.C.3

## For 135 years

Rowland's Macassar Oil has been a favourite dressing for the hair. It keeps the hair healthy, and prevents the encroachment of greyness and baldness.

Of all Wholesalers.



RETAIL  
3/6, 7/- & 10/6  
P.A.T.A.

**Rowland's  
Macassar Oil**

Red for  
dark hair  
Golden  
for fair or  
grey hair

A. ROWLAND & SONS, Ltd., 112 Guilford St., London, W.C.1  
RMST

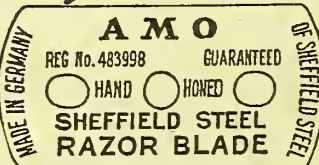
Nothing "As good as really" **FREE**

Else!

than the  
Blade you  
have been

looking

for



3 doz. Blades  
with each  
Gross  
ordered.

8/- Per  
Gross

*Good Blades can be*

FREE TESTING SAMPLE UPON REQUEST. POST PAID.

ORDER NOW—IT PAYS BEST—GIVE "AMO" A TEST

**L. FRANKENBERG, 125 Houndsditch LONDON, E.1**

ESTD. 15 YEARS

TEL. AVENUE 8846



# No fanfares. by request!

Hundreds of thousands of pounds have been spent in popularising certain Face Creams in this country. Huge sums are being spent at this very moment. As you well know, the competition is terrifically keen. The trumpeters blow loud and long!

Yet with nothing like so extravagant an advertising appropriation the Boncilla Cold and Vanishing Creams command a very extensive sale indeed, and are readily sold in every class of locality.

Merit alone has helped their popularity tremendously, and we have yet to hear of a retailer who has given the Boncilla Cold Creams and Boncilla Vanishing Creams a serious trial and found them fail him. Customers who once know them buy them always for their extreme purity, blandness and unusual fragrance.

So certain are we of their selling power, even in this fierce competition, that we make you here and now a startling offer:—

**AN ORDER FOR 22/- WILL BRING.**

1 doz. No. 1 Boncilla Vanishing Cream, 11/- doz.  
1 „ No. 1 „ Cold Cream, 11/- „

Sells for  
P.A.T.A.  
15/-  
15/-

Add to this 22/- 30/-

**FREE: Bonus of 2 doz. 6d. Test Sets 12/-**

**Total Cost, 22/- Total Sales, 42/-**

The Test Packets contain generous samples of Boncilla Classic Pack, Cold Cream, Vanishing Cream and Powder, and are only offered until the end of November.

**Outlay only 22/-  
Sales 42/- Profit 20/-**

SHOWCARDS AND SELLING AIDS WITH ALL ORDERS.



## Boncilla

### COUPON.

Messrs. J.C. GAMBLES & Co., Ltd.  
211/215 Blackfriars Road,  
London, S.E.1.

I enclose 22/-. Please send me your special Boncilla Creams parcel, with FREE Bonus equal to 12/- in cash. Also display material.

NAME .....

ADDRESS .....

**THIS PARCEL SHOWS  
HOW TO SELL  
TOOTHBRUSHES  
FASTER**



**SHOWS** you decisively that Halex Toothbrushes, backed up by chemists' goodwill, powerful advertising and the famous showcase—a mechanical salesman itself—can be sold faster and more profitably than any others.

The Introductory Parcel carries 60% profit, yet you need no great outlay to secure it. Your wholesaler has one for you. Write to-day.

**THE INTRODUCTORY PARCEL CONTAINS:**

The handsome glass-fronted display case, containing 1 doz. Halex brushes—2 each of six patterns.

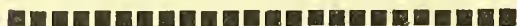
Six handy boxes of half-doz. Halex brushes, in six different patterns—making 4 doz. in all.

A striking transparency and a showcard for window display.

The cost is 40/-. It brings you £3.6.0

**PUT THE  
RED AND BLACK  
HALEX SHOWCASE  
ON YOUR COUNTER**

THE BRITISH XYLONITE CO. LTD., HALE END, E.4

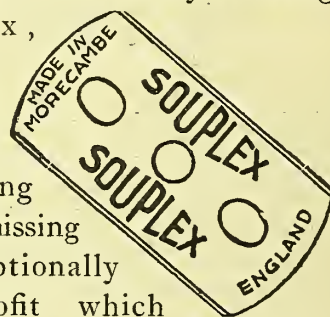


**NO  
MISTAKE**

can be made by stocking Souplex Blades as their wonderful quality and low price have created a tremendous demand.



If you are not already stocking Souplex, order a supply to-day, by delaying you are missing the exceptionally good profit which Souplex Blades yield the Chemist.



They sell easily because there are no better blades made—irrespective of price.

**ORDER NOW.**

**SOUPLEX**

FIVE  
for  
**1/3**  
YOUR  
PROFIT  
5D.

**SOUPLEX  
LIMITED  
MORECAMBE**

TEN  
for  
**2/6**  
YOUR  
PROFIT  
10D.



# Aralys

Your

## Christmas Opportunity

Every one of your customers will give Christmas gifts of some sort. And nearly every one could be induced to buy gifts from you if your stock is right. These Aralys Presentation Boxes will help you to make that a certainty. Write at once for full details and special terms.

27100  
Compact and  
Perfume.  
60/- per doz.

27104  
Compact, Rouge,  
Perfume, Cream,  
Lipstick, Soap and  
Powder.  
160/- per doz.

27064  
Perfume,  
with special  
Dressing-table  
Base.  
120/- per doz.

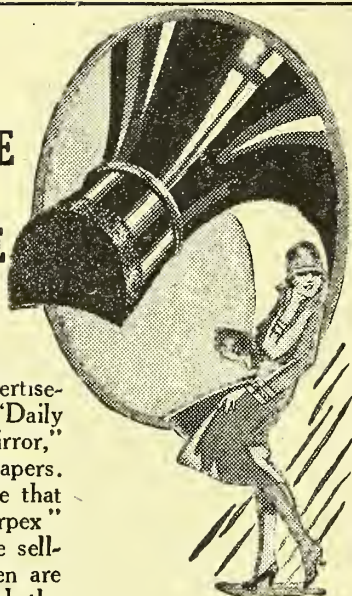
27101  
Compact,  
Perfume,  
Lipstick.  
100/- per doz.

Others at 16/-, 52/-, 66/-, 140/-  
and 504/- per doz.  
All prices given subject to up to 10 and 2½%



## A REAL TOILET REQUISITE WHICH PAYS THE CHEMIST WELL!

Look at our advertisements in the "Daily Mail," "Daily Mirror," and Women's Papers. Then you will see that the reason "Sorplex" Splash-Savers are selling is that women are learning to regard the care of their stockings in wet weather as a definite toilet necessity. We are showing women the simple way to keep their stockings clean of splashes, and it is to chemists that the enormous demand for these wonderful neat wet weather slip-on heel caps is being referred. Stock "Sorplex" Splash-Savers, give them good display, mention them to your customers, and you cannot fail to do big business



## "SORPEX" Splash Savers

ONLY **1/11** per pair

Reqd **The WONDER HEEL CAP**

Order a trial assorted dozen for "Louis" heels at 16/11, display our Showcards and you will quickly be glad to repeat in larger quantities.

Order supplies from any of the following Wholesalers:—

### LONDON:—

R. Hovenden & Sons, Ltd., 29/33 Berners Street.  
S. Maw, Son & Sons, Ltd., 12 Aldersgate Street.  
Brooks & Warburton, Ltd., 40, Lexington St. W.1.

### BIRMINGHAM:—

British Sundries, Ltd., 10 Dale End.

### LIVERPOOL:—

Ayrton, Saunders & Co., Ltd., 34 Hanover Street.

### DUBLIN:—

Hayes, Conyngham & Robinson, Ltd., 12 Grafton Street.

### LEEDS:—

Hirst, Brooke & Hirst Ltd., Millgarth Street.

### MIDDLESBROUGH:—

W. T. Coltman, Sussex Street.

### GLASGOW:—

Samuel S. Goldberg, 153 Oxford Street.

Munro McLaren & Sutherland, 17 Cadogan Street.

**SORPEX LIMITED,** 1 ALBERT STREET, BIRMINGHAM.

Splash Savers are advertised consistently in the leading National Press and women's periodicals as a Toilet Requisite obtainable from all leading Chemists.

## The most Profitable Xmas Gift Suggestion



For Gillette  
type razors only  
**MYATT GIFT  
BOX OF  
20 BLADES**

**5/-**

less 33 1/3%,  
showing  
Profit of  
50% on  
cost.

Made in  
England



# MYATT

## Blades

PATENT  
DAYMARK

Sole Manufacturers:  
W. J. Myatt & Co., Ltd., Contractors  
to His Majesty's Government,  
Argent Works, Birmingham.

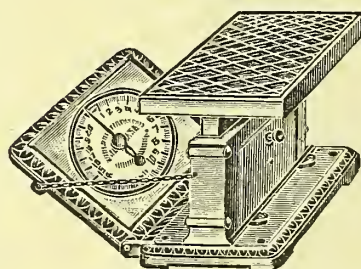
London Showrooms:  
94 Hatton Garden, E.C.1.

**1/3  
FOR  
FIVE**

## THE "JARASO"

### PERSONAL WEIGHING MACHINE

BRITISH MADE



BALL  
BEARINGS

Weighs from 1 lb. to 20 stone. Automatic. No weights required. Weight of Machine 20 lbs.

**EXPORT PRICE 28/6** Cases Free  
F.O.B. LONDON  
(Smallest number shipped six machines.)

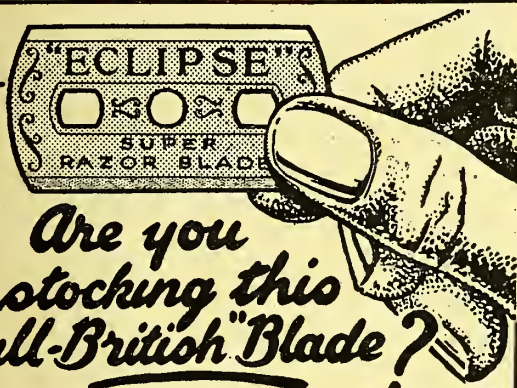
This Machine can only be sold for  
export to BRITISH COLONIES

**ALBERT C. SHOPPEE, Ltd.**

(Wholesale and Export only)

Belmont St., Chalk Farm, LONDON, N.W.1





Are you  
stocking this  
"all-British" Blade?

"Eclipse" Blades are made in our own works right from the production of the Crucible Steel to the Finished Blade, and are therefore **BRITISH FROM START TO FINISH.**

**"ECLIPSE"**  
(Gillette Type)  
**SAFETY RAZOR  
BLADES**

1 Box at	£1	2	3	per box of 100 Blades
5 Boxes at	£1	1	8	" " "
10 Boxes at	£1	0	10	" " "

Terms: Monthly less 2½ per cent. "  
Carriage paid on 3 box lots and above.

Obtainable from your usual wholesaler  
or direct from the actual makers:

**JAMES NEILL & CO. (Sheffield), LTD.,**  
Steel Manufacturers, Napier St., SHEFFIELD.

## “LEST WE FORGET”



**NOV 10th**  
**GIVE A LITTLE MORE**  
**FOR YOUR POPPY**  
**THIS YEAR**

**NEWBERYS.**

**LONDON,  
CARDIFF and LIVERPOOL**

# "ODONTIC" PLATE BRUSH



**From all  
Wholesalers.**

**Counter Display Box with every 3 dozen.**

*Manufacturers:*

**W. R. Speer & Son**

(EST. 100 YEARS)

215 DALSTON LANE - - LONDON, E.8



A  
KEEN  
BLADE  
AT A  
KEEN  
PRICE

The Blade that SELLS as it SHAVES—  
**"LIKE GREASED LIGHTNING!"**

*Obtainable from all Leading Wholesalers.  
Inquiries from Genuine Wholesalers only are Invited.*

Dept. C.D. "Wanie" Distributors:

**c/o ROEBUCK'S ADVERTISING SERVICE**

**Salisbury Square House, Salisbury Sq., Fleet St., London, E.C.4**

**Telephone: Axminster 5.**

**Telegram:** "Coate, Axminster."

# COATE & CO. (Axminster) Ltd.

**The London Brush Works, Axminster, Devon.**

*Estab. 1847.*

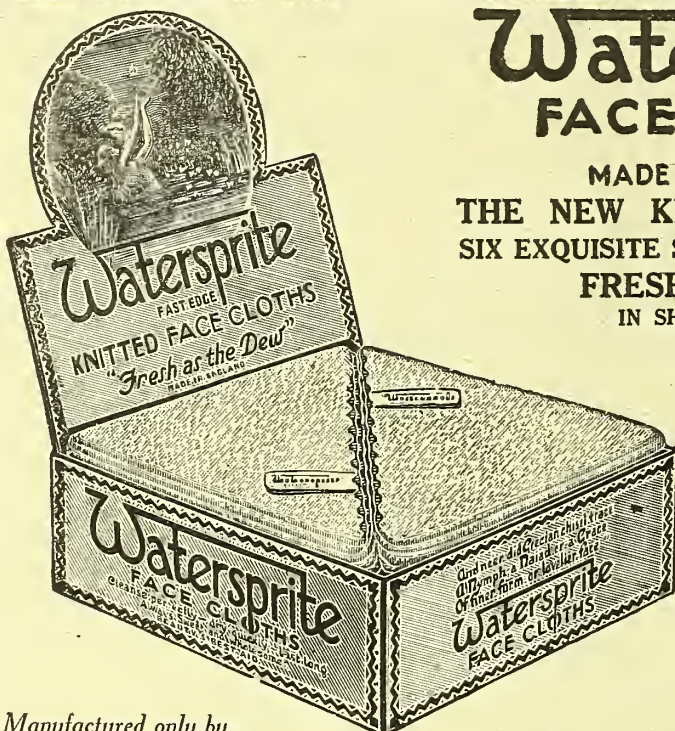
***Manufacturers of Super British Brushes***

Our Special "PROPHYLACTIC" Tooth Brushes—

3	row	Hard,	Medium,	Soft,	Yellow	Hair	@	...	...	...	-	...	16/-	per	dozen
4	"	"	"	"	"	"	"	...	...	...	-	...	18/-	"	"

Orders for one gross supplied in Cartons with customer's name and address free.  
Every Brush Guaranteed. British made by British Labour. Send for our present list of prices.





# Watersprite FACE CLOTHS

MADE IN ENGLAND

THE NEW KNITTED FACE CLOTHS.

SIX EXQUISITE STYLES.

Size 12 x 11½ ins.

FRESH AS THE DEW.

IN SHOW CARTONS OF 2 DOZEN.

WHITE, with Coloured Borders. doz.

G220. Overlocked, Assorted Colours - 4/-

G221. Overlocked, Assorted Colours,

and cross-stitched - 4/6

G222. Shell-stitched, Assorted Colours 5/3

G223. Shell-stitched, Assorted Colours,

and cross-stitched - 5/9

COLOURED, with Coloured Borders.

G224. Overlocked, Assorted Colours,

and cross-stitched - 5/6

G225. Shell-stitched, Assorted Colours,

and cross-stitched - 6/-

Special Assortment:

G226. Cartons containing 4 each of above

6 No's. - per carton 10/6

G227. Cartons containing 6 each of

G220, G222, G223 and G224

per carton 10/3

Manufactured only by

**SOLPORT BROTHERS, LTD., 184 to 190 Goswell Road, London, E.C.1.**

AND OBTAINABLE THROUGH ALL WHOLESALE HOUSES.

## G. B. KENT & SONS, LTD.

Are known the World over as  
the Largest Manufacturers of

# BEST BRITISH BRUSHES

Please write for full Particulars to—

**75 FARRINGDON ROAD, E.C.1.**

GET READY FOR

## XMAS TRADE

By stocking good Cutlery lines



of attractive style.

ENQUIRIES INVITED.

**Gill, Herbert & Co., Ltd.**

CUTLERS, WHELDON ST., SHEFFIELD

TOILET

**CREAMS  
POWDERS  
SHAMPOOS**

Any Grade  
" Colour  
" Perfume  
" Quantity.

All kinds supplied in Bulk or in own Containers  
at less prices than you can make yourself.

**RICHARDSON & LACY, 78 Hop Exchange, Southwark St., S.E.1**



## SHADEINE

For COLOURING GREY HAIR

This popular article is largely advertised

and stocked by all Wholesale Houses.

Trial size 8d. per doz. . . . . 6/-

1/4 size, per doz. . . . . 12/-

2/6 size, per doz. . . . . 24/-

3/9 size, per doz. . . . . 36/-

**The SHADEINE CO., 58 Westbourne Grove, London, W.2.**

**"Dutec"**

made in  
England  
by



Best materials and workmanship.

**J. DUPONT & Co., 18 FORE ST., LONDON, E.C.2.**

## TOOTH BRUSHES

Various  
Patterns.

Samples  
on  
request.



# MAKE YOUR WINDOWS

## & SHOWROOMS ATTRACTIVE!

*Increased Sales Will Result*

*SUITABLE FOR ALL VOLTAGES, 200/250.*

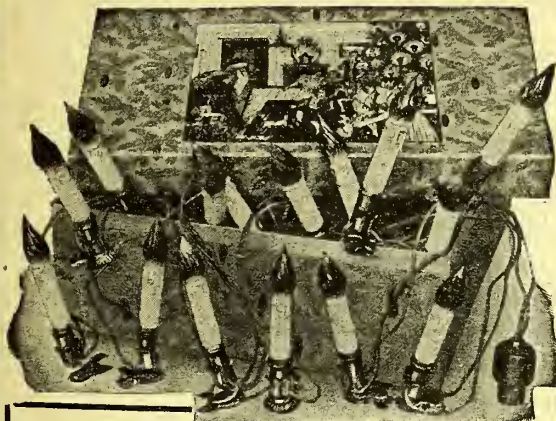
**T**HE Decorative Electrical Strips illustrated, form an irresistible attraction for Shop Windows, Showrooms, Outdoor Fetes, Ball-rooms, Christmas Trees, etc., etc.

Supplied complete, ready wired and connected, about 12 inches space between each lamp; total length, 7½ yards. By this method effective decorations can be fitted quickly and economically, without technical knowledge; it is only necessary to screw the lamps into the holders and insert the adaptor into the nearest convenient lampholder.

All our Decorative Strips for voltages 200/250 comprise 18 holders with 18 lamps, thus ensuring a satisfactory margin of safety.

*Descriptive List, fully illustrated—free on request.*

**Ward & Goldstone**  
PENDLETON. MANCHESTER LTD.



**ELECTRIC DECORATIVE CANDLE STRIPS**  
Complete strip with 18 candle lamps, in natural colours. Realistic imitation. With clips to attach to convenient points (as illustrated)

No. T/35. Price ...

**30/-**

**ELECTRIC DECORATIVE ROSES.**  
Complete strip with 18 roses of natural appearance, assorted colours. T/31. Price ...

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**FRUIT, FLOWER & FIGURE LAMPS.**  
Complete strip with 18 assorted Fruit, Flower, Bird and Figure lamps. Beautiful colourings. T/31. Price ...

**25/-**

**FIR CONE DECORATIVE LAMPS.**  
Complete strip with 18 assorted coloured bulbs, highly effective. No. T/29. Price ...

**18/-**

ALL PRICES SUBJECT TO LIBERAL TRADE DISCOUNT.

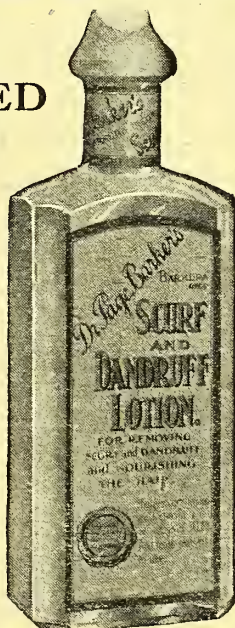
Every Bottle is  
**GUARANTEED**

**E**VERY bottle of Dr. Page-Barker's Scurf Lotion bears a positive guarantee that it will eradicate scurf or the purchase price will be refunded. This makes it the easiest to sell of all hair and scalp specifics. And the profit is handsome.

**18/- per Doz.**

**Retail - 2/6**

*With every order for 3 dozen you get three 2/6 bottles as bonus, handsome metal show-stand, and attractive showcards.*

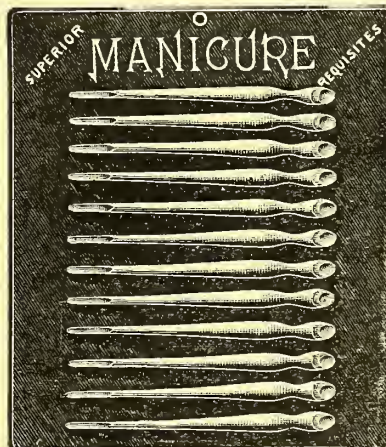


**Dr. Page-Barker's**  
**Scurf Lotion**

Thos. CHRISTY & CO., 4-12 Old Swan Lane, LONDON, E.C.4.

**"Buying Foreign"**  
**is not necessary**

*We can meet competitively all Druggists' Sundriesmen's requirements*



IN  
**MANICURE**  
**GOODS,**

**ORANGE**  
**STICKS, &c.**

**Carded**  
**& Boxed**

**Wholesale**  
**and Export**  
**Only.**

*Send your enquiries now to the English makers—*

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## ROBINSON'S of CHESTERFIELD for CARDBOARD BOXES

ROUND · OVAL · SQUARE · FOLDING

ROBINSON & SONS LTD.  
CHESTERFIELD & LONDON



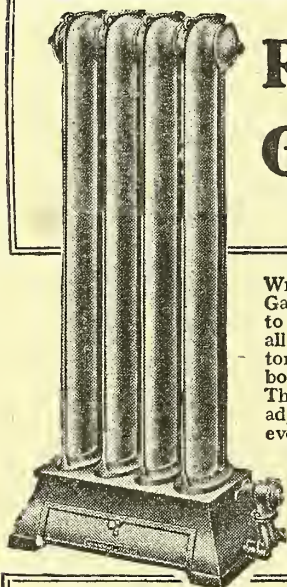
## "SAMPLING" BOXES

Illustrated above are a few of our "Sampling" Boxes.

These little boxes are very neat indeed and are fitted with self-sealing lid which can be supplied either in the dredger type or plain.

*Send for samples and prices.*

**ROBINSON & SONS, Ltd.**  
Manufacturers of ROUND, OVAL, SQUARE AND FOLDING  
CARDBOARD BOXES,  
**CHESTERFIELD**



## The Radiator for the General Store

Wright's "Regulo" - controlled Gas Radiators have been supplied to many of the leading shops all over the country. These radiators fulfil all requirements, being both economical and fully efficient. The "Regulo" automatically adjusts the gas to maintain an even temperature under all conditions. It also prevents wastage of gas.

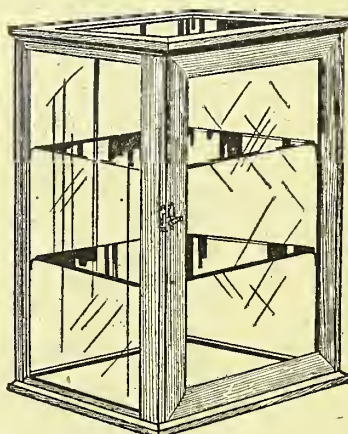
*A new edition of the booklet "Loops of Heat" is now available for distribution.*

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JOHN WRIGHT & CO. (Dept. A),  
ESSEX WORKS, ASTON, BIRMINGHAM  
(Radiation Ltd., Proprietors)

## The IDEAL CASE

FOR  
YOUR  
COUNTER



**42/6**  
EACH.

No. CD/SF 2509. Solid Oak Framing. Dimensions: 2 ft. high x 1 ft. 3 in. wide x 1 ft. 3 in. deep. Clear glass all round and top, hinged door. Interior fitted two glass shelves. 42/6 each.

YOU NEED our List No. CD 1055. It contains 160 pages, each illustrated, of everything you require for your window display.

**DUDLEY & COMPANY, Ltd.**

HOLLOWAY, LONDON, N.7.

Head Office - - 451 HOLLOWAY ROAD.  
And at 65 & 66 Fore Street, E.C.2



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**£12/10/0**

OR CAN BE SUPPLIED ON  
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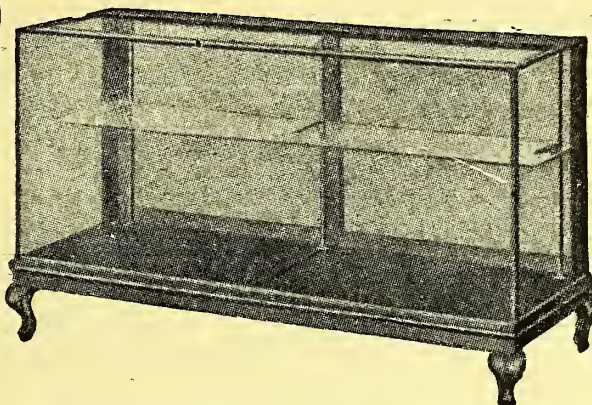
**£1 : 12 : 5**

AND 11 FURTHER  
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SEND AT ONCE FOR FULL LIST OF SHOWCASES AND FITTINGS  
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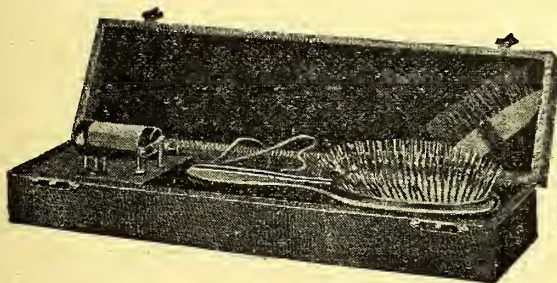
**J. C. KING, LTD., 42-60 GOSWELL ROAD, LONDON, E.C.1**

'Phones : CLERKENWELL 2317 (5 Lines).

'Grams : "MAINBOOM, LONDON."

# The ZENDIX Electric HAIRBRUSH

*The latest innovation for the scientific treatment of the scalp.*



PUT ONE IN YOUR WINDOW.

**Zendix Electric Co.**

Combines the stimulating effect of the electric current with the massaging effect of the brush.

A continuous electric current is brought into contact with the scalp, promoting activity of the cells and stimulating the growth of hair.

The current is supplied by a 4 volt pocket battery and may be adjusted but is never too violent. The whole outfit is packed in a neat attractive case and makes a ready appeal to your lady customers.

Leaflets, etc., supplied.

**Retail 25/-** WHOLESALE TERMS  
ON APPLICATION.

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RE-TREAD

## How to Reduce your Transport Costs

Instead of scrapping your worn tyres send them to us for re-treading and get New Tyre Mileage for half the cost.

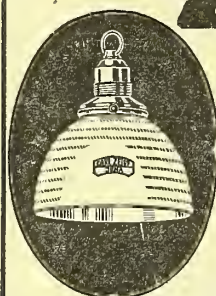
Giant Pneumatics re-treaded by us give up to 20,000 miles on rear wheels of heavy and fast buses. You can rely upon your tyres after treatment being equally satisfactory on your Lorry or Van.

*We guarantee all work and stand by that guarantee.*

Write for particulars.

**Ondura Tyre Works, Bradford Road, Keighley.**

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COMMERCIAL

## ZEISS

### REFLECTOR LAMPS

TURN EXPENSE INTO PROFIT.

A small expenditure on efficient fittings will purchase the double benefit of reduced electric lighting accounts and increased custom.

**LIGHT YOUR SHOP  
ATTRACTIVELY**

Full particulars in List B70, on request, from the British Representatives:

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Winsley House, Wells Street, Oxford Street, London, W.1.

## BOB MARTIN'S

*TASTELESS*

### CONDITION POWDERS

show a profit of 38%

and are advertised in daily papers having a combined sale of more than SEVEN MILLIONS a day.

*Bob Martin's '92 Ointment now replaces the well-known Mange & Eczema Lotion; Shilling tins in attractive Display Outers; sells readily and very steadily.*

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### "RATMOUSINE" NOT A VIRUS

In 7½d. and 1/3 collapsible tubes. Neatly cartoned.  
A handy package, good seller and profits. For Home and Export.  
Not affected by D.D.A. Regulations & recommended by Ministry of Agriculture  
Try a stock through any distributor  
NEVER FAILS.



**F. FARMER & CO.  
HOMERTON**

# 7,000,000 DOGS & CATS

There are 3,500,000 Dogs in the United Kingdom, and no doubt as many—if not more—Cats. This means that one house in every three contains a Dog or Cat. In your district alone there are thousands of men and women who spend regularly to keep their pets in healthy condition. Are you reaping the benefit of this regular and profitable business? If not, stock up now and display

**SHERLEY'S DOG & CAT MEDICINES,  
LACTOL, LACTOL BISCUITS, &c.  
(P.A.T.A.)**

Helpful sales aids—extensive National Press Advertising, Showcards, Counter Literature, Cut-outs, &c.

Price List and Terms from

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FOR

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Jackets and Coats of very superior quality, made from the most reliable materials, smartly cut and thoroughly well finished in every detail.

WHITE DRILL JACKETS	...	...	6/11, 8/11, 10/6
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STOCK SIZES: 34 to 44 chest measure over waistcoat. Special pockets and little adjustments can be made without extra charge. POSTAGE on single coat 9d., but 20/- orders upwards carriage paid. SPECIAL PRICES FOR LARGE QUANTITIES.

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BRANCHES:

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will be advertised  
during the Winter Months  
in the PRESS and  
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A postcard to  
THOMAS  
KEATING Ltd.,  
Station Mills,  
Billingshurst,  
Sussex.  
will bring full  
particulars by  
return



# PRECIPITATED CHALK

**LIGHTEST, MEDIUM, DENSE**  
And All Other Grades To Suit Every Purpose  
**CHEMICALS FOR ALL INDUSTRIES.**

Phone: Central 4613. Tel. Add.: "Levermore, Phone, London."  
**A. LEVERMORE & CO., LTD.** ABC Codes  
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## JOHN BELL, HILLS & LUCAS LTD.

OXFORD WORKS, TOWER BRIDGE ROAD, LONDON, S.E.1.

130 years' reputation for purity and excellence.  
Pharmaceutical preparations, Drugs and Chemicals of high quality.  
Packed Goods of elegant finish and Choice of many styles.  
Specialists in compounding and packing customers' private formulas.  
Price List on application. Tel-phone: Bermondsey 1141.

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10 & 11 MINCING LANE, LONDON, E.C.3.

TEL.: ROYAL 6092.

GUMS, ARABIC and TRAGACANTH as Imported or  
Finely Powdered. :: SHELLACS ALL GRADES.

## "YEAST FOR VITAMIN B."

Yeast specially prepared for medicinal  
purposes.

GUARANTEED ABSOLUTELY PURE.

MIDGLEY & PARKINSON, LTD.,  
WARREN WORKS, PUDSEY, LEEDS.



## GREY HAIRS

appear just here.

TOUCH THEM UP WITH

**TATCHO-TONE**

and they will instantly recover their  
natural shade. Medical Guaranty with  
each bottle. Chemists' Prices 2/6 and 4/6

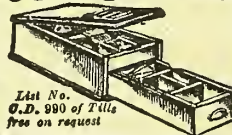
TATCHO-TONE CO., 5 Great Queen Street, London, W.C.2

Crat. Phila.



Post Free

## SENT ON 14 DAYS APPROVAL



upon receipt of cash or two wholesale trade  
references. "LITTLE BRILLIANT" TILL  
Improved 16 x 8 1/2 x 6 ins.  
mahogany, highly polished, lock  
to lid and drawer, warning bell,  
secret catch and check action.

32/-

List No.  
O.D. 990 of Tills  
free on request

Calls 2 1/2 ins. wide 4/- doz.  
DUDLEY & COMPANY, LTD.  
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## THE HOUSE FOR QUALITY IN PUFFS

NOVELTIES ALWAYS AVAILABLE

**COMPACT POWDERS**

Specially Prepared.

Any Tint. Any Perfume.

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## DUTCH DROPS

The Original HAARLEM OIL

Also in Capsule Form.

We are Sole Distributing Agents for the British Isles, British  
Colonies, Scandinavian Countries, Spain, and South America.

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*Classified*

## POWDER AND PILL BOXES,

Lid and base with protruding edge.

Manufacturers making above by entirely new machinery  
at prices which will be lower than any on the market, desire  
to get in touch with buyers.

Address:

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## "DEPENDABLE TOBACCO WHOLESALEERS."

MIXED PARCELS A SPECIALITY  
Established Fifty Years.

Price Lists mailed on request.

A PROFITABLE SIDE LINE  
FOR CHEMISTS.

SINGLETON & COLE, LTD., CANNON ST., BIRMINGHAM

## NURSE HARVEY'S MIXTURE

A safe, simple and reliable remedy for Children's  
Ailments is advertised so extensively in the daily  
and weekly Press as to bring mothers to the  
retailer without effort on his part.

The selling has been done before the mother  
reaches the chemist, and, having supplied her, it  
is only common sense to claim she will buy other  
family necessities from him. Moreover, the con-  
tinuous demand for it produces a quick turnover.

For Direct Terms apply to—

**OSCAR SCRUTON & CO., YORK**

## CHEMISTS' FITTINGS

OF EVERY DESCRIPTION.

NEW AND SECONDHAND.

E. BERG, LTD., 336 Old Street, E.C.1

## THE CHEMIST'S MONOPOLY—

**P.P.T.**

**Py-shan Points Tea**

SECURES YOU REGULAR CUSTOMERS

5d. per lb. PROFIT or 7d. per lb.

when cash accompanies order.

THOS. CHRISTY & CO., 4/12 Old Swan Lane, E.C.4



# Potter & Clarke Ltd.

**60/64 ARTILLERY LANE, LONDON, E.1**  
*Phone : Bishopsgate 4761. Grams : "Horehound, Phone."*  
**and at 24 LUNA STREET, GT. ANCOATS, MANCHESTER**

**60/64 ARTILLERY LANE, LONDON, E.1**

Phone: Bishopsgate 4761.

Grams: "Horehound Phone."

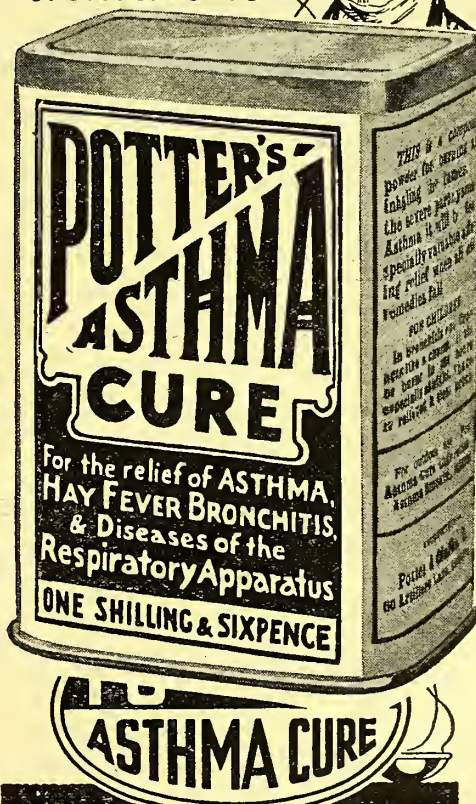
and at 24 LUNA STREET, GT. ANCOATS, MANCHESTER

# POTTER'S ASTHMA CURE

Has found its public, and is being widely advertised at home and abroad.

**POTTER'S ASTHMA CURE** stands alone for efficacy and public esteem. Purchase your supplies direct from us or through your usual wholesaler.

My Asthma  
has gone  
-thanks to





# "Dartring" Advertising

**STARTS  
TO-DAY**

FOR CHAPPED HANDS, CHILBLAINS, ROUGH!!

**BEAUTIFUL  
HANDS**

Gracefully tapering fingers—the hands of an Artist's model. The skin marvellously soft and smooth—like velvet. She keeps it so with "Dartring" Lanoline Cream. Every night she works a little into the pores to feed the skin and keep it young. For hands, neck and face, there is nothing to compare with the exquisitely refined "Dartring" Lanoline Cream. Try a sample tube and learn its value.



Look in to-day's "Daily Mirror" for our first public announcement — the herald of a big national campaign. 'Dartring' Lanoline Toilet Cream has been a profitable line for well over half a century. Backed by public advertising it will become one of your fastest sellers. Don't be caught

without supplies. Send your order now to your usual Wholesaler or direct to us.

PRICES:

**3**  $7\frac{1}{2}$ d. Tubes - 5/- per dozen     $1\frac{1}{3}$  Tubes - 10/- per dozen  
Toilet Soap - - - 4/8 per dozen

**3 free tubes of Dartring Lanoline Toilet Cream**  
**were posted to you this week**  
**if you did not receive them please write to...**

BERNERS PROPRIETARIES LTD., 33, BERNERS STREET, LONDON, W.1



# Vitamin A as an Anti-Infective

Recent research suggests that Vitamin A is an important anti-infective agent. One of the chief practical sources of this vitamin is Cod Liver Oil. 'KEPLER' Cod Liver Oil used in the preparation of 'KEPLER' Cod Liver Oil with Malt Extract, has been tested for its vitamin content since 1923. It conforms to a standard of Vitamin A of not less than 10 blue units as determined by the colorimetric method with antimony trichloride.

Physicians find that shortage of one vitamin is usually complicated by general vitamin deficiency and prescribe 'KEPLER' Cod Liver Oil with Malt Extract because it supplies a full content of active Vitamin A, reinforced with Vitamins B and D.

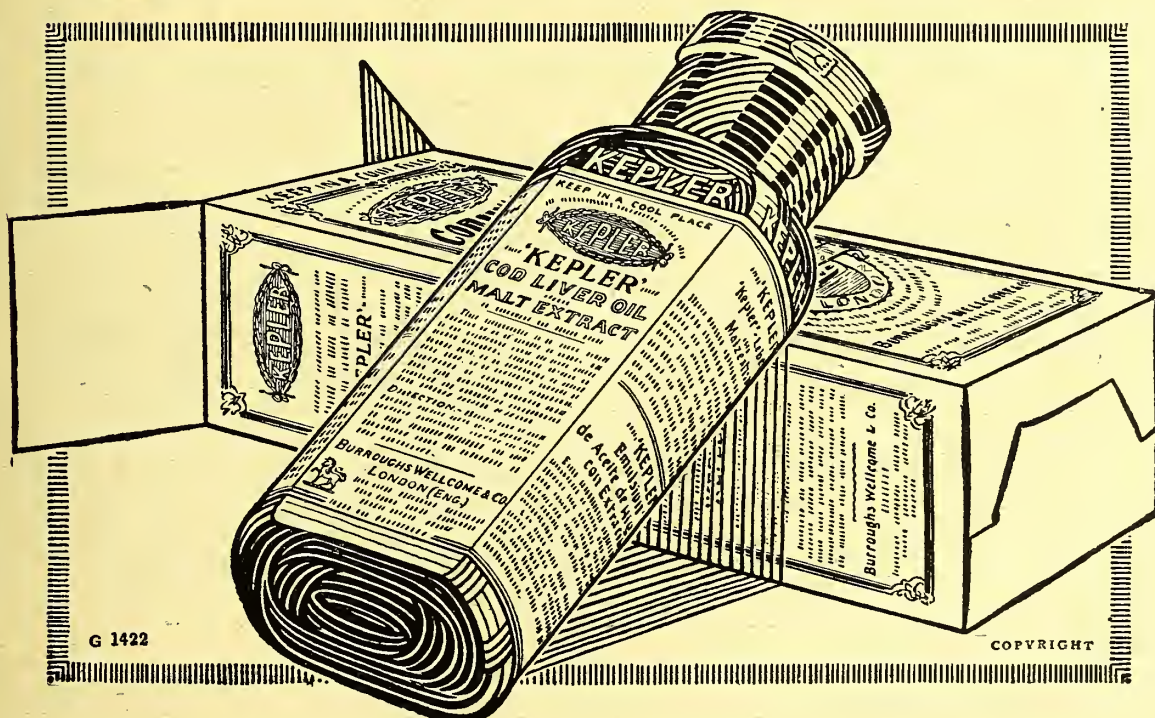
TRADE **'KEPLER'** MARK

## Cod Liver Oil with Malt Extract

Bottles of two sizes, at 30/- and 54/6  
per dozen (subject)



BURROUGHS WELLCOME & CO., LONDON



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# Safety First every time!

You want phenomenal sales  
You need large profits  
You wish to satisfy customers  
Then you should order

## **Safety First** IODISED THROAT LOZENGES

8½d. Size :				+	1/3 Size :			
COSTS	-	-	4/6 doz.		COSTS	-	-	7/6 doz.
12 doz.	-	-	4/3 „		3 doz.	-	-	7/- „

**GOOD SHOW OUTERS. FREE LANTERN SLIDES  
STRIKING SHOW MATERIAL AND CUT-OUTS**

## UNITED CHEMISTS' ASSOCIATION LTD.

(PHONE 3021)

**CHELTENHAM, and 4 and 6 KEITH GROVE, LONDON, W.12**

TELEPHONE : "RIVERSIDE" 4641

## *Powerful*

"IALINE" Brand Disinfectant is highly concentrated and has been officially approved by the Ministry of Agriculture in the proportion of 1 to 99 for the purposes of the Diseases of Animals (Disinfection) Acts. May be packed and sold by Chemists and Druggists under own name. Write for details of arrangement.



**Manufacturers—**

**BURT, BOULTON & HAYWOOD, LTD.**

WORKS: Great Britain,  
France, Spain & Belgium.

**Coal Tar Distillers,**  
Salisbury House, London Wall, LONDON, E.C.2

Telephone: London Wall 7569.  
Telegrams: "Burboul, Ave, London."





## A WEEKLY JOURNAL OF PHARMACY AND OF THE CHEMICAL AND DRUG TRADES

THE CHEMIST AND DRUGGIST is in circulation and reputation the leading journal addressing the Chemical and Drug trades in the British Empire and other countries in the Old and New Worlds. It is the official organ of the Pharmaceutical Society of Ireland, the Chemists' and Druggists' Society of Ireland, and of other Chemists' Societies in the Overseas Dominions.

### SUBSCRIPTION RATE

TWENTY SHILLINGS a year payable in advance to any part of the world, including a copy of *The Chemist and Druggist Diary*. Subscriptions may begin with the first issue of any month. Single copy, 9d., post free; *Diary*, 10s., post free. Postal Orders and Cheques should be crossed "Bank of Liverpool and Martins, Ltd."

TERMS FOR ADVERTISING may be obtained on application to: Head Office: 42 CANNON STREET, LONDON, E.C.4 (Telegrams: "Chemicus, Cannon, London." Tele. home: Central 3617.)

Branch Offices: (4 Cannon Street, Manchester. (Tel.: City 52.) 54 Foster's Bldgs., High St., Sheffield. (Tel.: 22458.) 19 Waterloo Street, Glasgow. (Tel.: Central 2329.) Melbourne and Sydney, Australia.

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## Business Changes

MR. T. L. WOOD, chemist and druggist, is opening a business in Vilette Road, Sunderland.

MR. F. M. MCINTOSH, chemist and druggist, has acquired the business and branch of the late Mr. John Macintyre, chemist and druggist, North Berwick.

THE SHEFFIELD PHARMACIES, LTD., 882 Grimesthorpe Road, Sheffield, has incorporated the businesses of Mr. J. E. Crowe, Crowe & Se ell and Haddon & Co.

A. E. HOBBS, LTD., chemists, 33 Mount Pleasant, Tunbridge Wells, have purchased the business of Mr. W. F. Crowther, chemist and druggist, High Street, Mayfield, Sussex.

MR. R. H. MORGAN has purchased the branch shop of Mr. R. Robinson, chemist and druggist, North Road, Cardiff. This will be known as the Rosemount Pharmacy, formerly Cross Inn Pharmacy.

MISS M. J. WILSON, chemist and druggist, has removed her pharmacy from 15a North View Terrace, Westgate Road, Benwell, Newcastle-on-Tyne, to premises at the top of Westgate Road, Benwell.

## English and Welsh News

The Editor will be obliged if subscribers will send him marked copies of newspapers containing items of interest for insertion in this or other news sections.

### The Royal Society

The following awards have been made by the President and Council of the Royal Society:—

The Copley medal to Sir Charles Parsons, O.M., F.R.S., for his contributions to engineering science; the Rumford medal to Professor F. Paschen for his contributions to the knowledge of spectra; the Davy medal to Professor F. G. Donnan, F.R.S., for his contributions to physical chemistry, particularly for his theory of membrane equilibrium; the Darwin medal to Dr. L. Cockayne, F.R.S., for his contributions to ecological botany; the Sylvester medal to Professor W. H. Young, F.R.S., for his contributions to the theory of functions of a real variable; the Hughes medal to M. le Duc de Broglie for his work on x-ray spectra.

The following have been recommended by the President and Council for election to the Council of the Royal Society at the anniversary meeting on November 30: Sir Ernest Rutherford, President; Sir David Prain, Treasurer; Sir James Jeans and Dr. H. H. Dale, Secretaries; and Sir Henry Lyons, Foreign Secretary.

### Cycle and Motor Cycle Show

The fourteenth international cycle and motor-cycle show, promoted by the British Cycle and Motor Cycle Manufacturers' and Traders' Union, Ltd., Coventry, opened at Olympia, London, W., on November 5. The salient features of the models make for comfort, cleanliness and safety. The 1929 model cycle is very graceful in general outline and very attractively finished. While the stands cater mostly for the machine for sport or pleasure, the commercial aspect has not been neglected. A special stand is devoted to the commercial uses to which the motor-cycle can be put, showing how traders can advantageously improve their service, cut down overhead charges and increase their business. The three-wheeled commercial van comes into the same category. Attention is drawn to the fact that the average sidecar chassis can be adapted to individual needs. The sidecar may form a local advertising medium and bear the aims and objects of the proprietor. Apart from the commercial use, interchangeable bodies may be had, and a trade outfit can be turned into a sidecar combination. A brochure of the promoters', entitled "Carry by Sidecar," gives particulars of a number of types of outfit. The show closes on November 10.

### Leicester

The police are making inquiries for a man who is hawk- ing "perfume" at "50 per cent. below manufacturers' prices."

At the recent Leicester Assizes, Walter Gadsby, described as a chemist's assistant, was sent to prison for two months for bigamy.

### Wrexham

A well-attended P.A.T.A. propaganda meeting was held at the Wynnstay Arms, Wrexham, on October 31, under the chairmanship of Mr. C. G. Caldicott. A feature of the meeting was the large number of apprentices and assistants present in response to the special invitation issued by the Council of the Proprietary Articles Trade Association. Mr. J. B. Francis, in a short speech, referred to the genius and enterprise of the late Sir William Glyn-Jones, and to the great work he had done for the pharmacists of the country through the foundation of the pioneer price-maintenance organisation. Mr. Francis then introduced Mr. H. E. Chapman the general secretary of the Association, who gave a full and interesting account of the conditions which led to the formation of the P.A.T.A., described the constitution, growth and strength of the Association, and induced in the minds of his audience a clear conception of the material benefits that had accrued to the retail chemists of the country through its works. Mr. Chapman closed with an appeal for support of the Glyn-Jones Memorial Fund on the part of those who had



not yet subscribed to it. A discussion followed. Sir Leonard Rowland, in moving a vote of thanks to Mr. Francis and Mr. Chapman, expressed his appreciation and that of his colleagues for the work of the P.A.T.A. Mr. J. H. Francis seconded the vote, which was carried with acclamation.

#### Miscellaneous

**POISONINGS.**—Fatal poisonings recorded since our last report include suicides by means of medinal (Hampstead), morphine sulphate (Wembley), aspirin (Tooting), solution of ammonia from smelling-salts (Twickenham), and oxalic acid (Coventry), and an accidental death from taking an overdose of medicine containing opium (Chester).

**CLOSING ARRANGEMENT.**—Whitby United Traders' Association have agreed to close business premises all day on Christmas Day and Boxing Day, and on Tuesday and Wednesday in New Year week. The winter closing-hours have been fixed for Wednesday, 1 p.m.; Saturday, 7 p.m.; and other days, 6 p.m.

**IN THE COURTS.**—At Stalybridge, on October 22, Mary F. Delves was bound over for a year on a charge of stealing goods from the shop of Boots, Ltd., Market Street, and another shop.—At Somerset Assizes, recently, Percival C. Davies was bound over for a year on a charge of breaking into the premises of Mr. D. H. Moore, chemist and druggist, Weston-super-Mare, and stealing £2.

## Scottish News

#### Brevities

The Dumfriesshire Licensing Court has granted a licence for the sale of medicated wines to Mr. David Bell, chemist and druggist, 134 High Street, Lockerbie.

Mr. H. S. Winskill, formerly of Liverpool, has joined the representative staff of Harkness, Beaumont & Co., Ltd., wholesale druggists and manufacturing chemists, Edinburgh.

"There is an increasing desire," writes a correspondent, "on the part of the public to purchase their tea from the chemist. In years gone by the best brands of tea, tobacco, cigars and spices were obtainable only at the chemist's."

#### Glasgow

Dr. D. W. McArthur has been appointed to the chair of agricultural chemistry in the West of Scotland Agricultural College in succession to Professor Berry.

Glasgow University has received a gift of £10,000 from Mr. William C. Teacher, of Cove, for the foundation of a lectureship in bacteriology at the Royal Infirmary.

## Irish News

#### Brevities

Official returns available during the past week show that the value of the imports of chemicals, drugs, etc., into the Free State during September was £85,589, compared with £86,523 for September 1927, and for the nine months of this year to September 30 £911,899, against £876,443 in the first nine months of last year.

The Free State Court of Criminal Appeal has refused an application by Philip Keane for an extension of time to apply for leave to appeal against his conviction and sentence to ten years' penal servitude in the Central Criminal Court on a charge of having at Murmud, co. Cavan, attempted to administer, or cause to be administered, to John Clerkin, strychnine, with intent to murder (*C. & D.*, July 7, p. 2).

#### Belfast

Fred. Storey, Ltd., Alfred Street, Belfast, have secured the contract for the supply of chemicals and drugs to the Municipal College of Technology.

At Belfast Police Court, on October 30, breaches of the Shops Act were alleged against Lily Wellwood, Ph.C.,

Upper Newtownards Road, and Henry Cronhelm, Ph.C., Belmont Road. The former was fined 2s. 6d., with costs, and the latter 5s., with costs.

The Police Committee submitted an application of Mr. W. Conn, secretary of John Robson, Ltd., cattle salesman, to Belfast Corporation, on November 1, for licence to sell sheep dip under the Poisons and Pharmacy Act, 1908. It was resolved that authority be given for the issue.

## Brewers' Exhibition

THE forty-fifth Exhibition and Market devoted to the interests of the brewing, mineral water and allied trades, opened on November 3 and is to close on November 9. From the manufacturers' point of view a visit to this exhibition is always of interest, for many of the filling and cleansing machines, floorings, etc., are as suitable for one industry as another. Labour-saving appliances are the order of the day, and in bulk and comprehensiveness the present exhibition, with its 215 exhibitors, is as attractive as ever. That the interest in the competitions is not lagging can be judged by the number of entries—e.g., hops, 279; Empire wine, 115; lemonade, 99; dry ginger ale, 94. Among the stands the following are of interest to the drug trade.

Two stands are entirely devoted to a display of saccharin. THE GRAESSER-MONSANTO CHEMICAL WORKS, LTD., are making a feature of a new package which they have introduced this year. Instead of the usual tin, which involves a certain amount of waste and frequently causes annoyance, they have produced a package with straight sides, so that the removal of the saccharin, as required, is easy. BOOTS PURE DRUG CO., LTD., also have an attractive display of saccharin. Tablets as well as powder and some beautiful crystals are on view, and there is also an interesting diagram showing how saccharin is worked up from coal tar.

A. BOAKE, ROBERTS & CO., LTD., have a large stand, in which the essence department is emphasised. Trufruit extracts for the flavouring of beverages and ginger essences are well to the front. The Truginger extract is becoming more and more popular, and the output of harmless colourings is also on the increase. THE MANCHESTER CHEMICAL CO., LTD., also display a series of essences, colourings, preservatives and chemicals. CLAYTON & JOWETT, LTD., have samples available for testing of beverages prepared from their essences. BARNETT & FOSTER exhibit their Vitacrush extracts and Vitacol ginger beer essence. THE LONDON ESSENCE CO., LTD., and THE BRITISH ESSENCE CO., LTD., have other exhibits of this nature.

PAINE & CO., LTD., make a feature of their John Bull malt extract and malt with oil, as well as the diastatic malt for brewers. EDWARD SUTCLIFFE, LTD., are also in a position to supply pharmaceutical malt. EDMÉ, LTD., concentrate on their diastatic malt syrup.

JAMES BURROUGH, LTD., rectifiers and distillers, display many of their specialities of interest to chemists in possession of a wine licence. Drug-trade interest is represented by sherry, ginger, orange and quinine wines, as well as invalid ports. IDRIS, LTD., have a range of cordials and non-alcoholic wines. THE ORANGE CRUSH CO. (LONDON), LTD., feature their citric cordials.

Cash registers are shown by the NATIONAL CASH REGISTER CO., LTD., and in other parts of the gallery are the stands of the REMINGTON CASH REGISTER CO., LTD., and that of METRO BUREAU EQUIPMENT, LTD., with the ANKER CASH REGISTER. Other exhibits noted were as follows:—MILTON PROPRIETARY, LTD. (non-poisonous antiseptic), ABOL, LTD. (horticultural washes), BERKEFELD FILTER CO. (BRITISH), (large-sized filtration plant), the RUBBER GROWERS' ASSOCIATION (INC.) (floorings, etc.), and the VISCOSE DEVELOPMENT CO., LTD. (bottle capsules), etc. Bottles and other glassware are catered for by the UNITED GLASS BOTTLE MANUFACTURERS, LTD., & THE CANNING TOWN GLASS WORKS, LTD., and JOHNSON & JORGENSEN, LTD. J. O. SAUVEN makes a feature of improved perforating machines, and gives a suggestion that these could be used with advantage by pharmacists doing their own photographic developing and printing.



## Liverpool Health Report

THE annual report on the health of the City of Liverpool, by the medical officer of health for the city (Dr. A. A. Musson), covering the year 1927, is, like its predecessors, a detailed record, illustrated by statistical diagrams and graphs. Liverpool, being associated with all parts of the world by reason of the large volume of shipping arriving in the port, is in consequence a city peculiarly liable to the importation of various forms of infectious disease. Active measures have been taken throughout the year to ensure the destruction of as many rats as possible, and also to bring to public notice the necessity for reducing the rat population to the lowest possible dimensions. There were 350 deaths from children under two years of age from diarrhoea and enteritis. Special inquiry was made into this subject. The conclusions under this head are thus set out in the report:—

In a considerable proportion of the deaths, i.e., at least 40 per cent. of the total, the child was definitely unhealthy, delicate or suffering from lack of parental care before the onset of diarrhoea. In particular whooping cough, measles, bronchitis or broncho-pneumonia, prematurity, illegitimacy, and especially marasmus (or wasting) predisposed to a fatal issue if the child subsequently became infected with summer diarrhoea; but a variety of other diseases and conditions increase the susceptibility of infants to a fatal attack of diarrhoea. . . . . The term "Diarrhoea and Enteritis under two years of age" is not the name of a disease, but includes a number of diverse conditions; the majority of deaths so classified, however, perhaps three-quarters of the total, appertain to the acute infective disease commonly termed "summer diarrhoea." This proportion of acute infective cases is steadily falling, leaving a residuum of deaths in which the fatal result is the effect of quite other causes. . . . . The majority of the deaths from diarrhoea and enteritis (i.e., 81 per cent. of the whole) occurred under one year of age. About three-quarters of the whole number are artificially fed, and an even larger proportion of the definitely infective cases. Breast feeding is a very real protection against this disease, and no child should, if possible, be weaned between July and October.

The decline in the prevalence of enteric fever, which has been continuous for the past thirty years, has now almost led to its extinction. Of the ten deaths which occurred in the year, one was that of a seaman, and in another case the sufferer was infected while on a holiday. Eighty cases of enteric fever (including one case of Paratyphoid A. and 19 cases of Paratyphoid B.) were reported during 1927 in the city and port of Liverpool. Of these, 14 were imported from overseas, five being removed from one ship, leaving 66 of indigenous origin, as against 38 in the preceding year. The origin of the outbreak remains uncertain. (In a number of outbreaks which have occurred in this country recently the source of the infection has not been traced.) As a precautionary measure in connection with the possible spread of anthrax from shaving brushes, samples of these brushes were purchased and were submitted to the city bacteriologist for examination. The number of shaving brushes submitted during the year was forty-nine; none was found infected with anthrax.

## Retail Pharmacists' Union

**Ipswich.**—The annual meeting of the Ipswich and Suffolk Branch of the R.P.U. was held on October 30, Mr. S. J. Stearn (president) in the chair. The balance sheet for 1927 was adopted on the proposition of Mr. Smalley. Officers were elected as follows:—*President*, Mr. S. J. Stearn; *Secretary and Treasurer*, Mr. E. H. G. Bennett; *Committee*, Messrs. Hales, Welch and Coutts. Several members gave special donations towards the deficit on the balance sheet. The committee of last year was thanked for services. Christmas closing for three days, with certain attendance for medicines, was arranged. The times are to be published in a local paper. It was agreed that a closing order be sought for the chemists and drug stores of the town with times as follows:—7.30 p.m., Monday, Tuesday and Thursday; 1 p.m., Wednesday; 8 p.m., Friday; 8.30 p.m., Saturday.

## American Notes

**PALMOLIVE AND COLGATE MERGER.**—The stock-holders, at a meeting on July 20, voted their approval of a plan agreed upon by the directors, which means that as from July 1, 1928, the Palmolive-Peet Co. and Colgate & Co. have been merged into a new combine to be styled the Colgate Palmolive Peet Co. The assets of the combined companies are estimated at \$60,000,000, and the merger is to be effected by an exchange of stock.

**PRESCRIPTIONS FOR "MEDICINAL LIQUOR."**—The Commissioner of Prohibition, reports the "Journal of the American Medical Association," has promulgated new regulations, which became effective on August 16, for the prescribing and dispensing of "medicinal liquor." Under these regulations the physician must make four copies of each prescription, two original and two carbon, instead of two copies as he was required to do under the old regulations. Both original copies are given to the patient. Both carbon copies are retained by the prescribing physician. The patient gives both original copies to the pharmacist. The pharmacist cancels both copies of each prescription when he dispenses it, and some time each month sends to the local prohibition administrator one copy of each prescription filled during the preceding month. The physician, within the first ten days of each calendar month, must send to the local prohibition administrator one of the retained carbon copies of each prescription issued by him the preceding month.

## South African News

From "C. & D." Correspondents.

"The Chemist and Druggist" is supplied weekly to members of Chemists' Societies in South Africa.

### Natal

**DEATH.**—The death has occurred recently of Mr. F. W. R. Carine, chemist and druggist, of Newcastle, Natal, at the Cottage Hospital there, from double pneumonia. The funeral was conducted with full Masonic rites.

**DURBAN ASSISTANT FOUND DEAD.**—A tragic discovery was made by a member of the firm of Whysall, cash chemists, Beach Road, Durban, on Sunday evening, August 26. When he went to open the premises for the usual Sunday evening period he found the body of his assistant, Mr. James Kinloch, aged 27, lying in the shop. The district surgeon was immediately summoned, but Mr. Kinloch was found to be dead. He had been on duty on the premises between 10 and 11 a.m. on the same day. The body was removed to the mortuary for a *post-mortem* examination.

### Transvaal

**BIRTH.**—On September 19, at Johannesburg, the wife of Mr. S. D. Smith, M.P.S., of a daughter.

The majority of chemists welcome the return to Saturday opening of shops, but would like the closing hour on Wednesdays altered from 12 noon to 1 p.m.

**CHEMISTS AND THE NEW LIQUOR LAW.**—Methylated spirit must now be signed for by purchasers and a book kept showing income and disposal of stock. The s.v.m. must be sold in clear white bottles; the licence to sell costs £1 and the book 2s.

Mr. G. B. CHRISTIE, honorary secretary of the Pharmaceutical Society of the Transvaal, makes a special appeal to all members to pay their subscriptions promptly so that the Society can liquidate their liabilities. Unless this is done there is a possibility that the small reserve fund will have to be utilised for this purpose.

At the thirtieth annual general meeting of the Pharmaceutical Society of the Transvaal, the following were elected to the committee:—Messrs. Karnovsky, Ferguson, Smith, Solomon, Spilkin, Bull, Cooper, Hodson, for the town; and Messrs. Apter, Carey and Jacobson (country). There were eighteen candidates proposed for the eleven vacancies. Mr. E. Solomon has been elected vice-president of the Society.



## Legal Reports

**Breach of Agreement.**—At Wandsworth County Court, London, on November 5, before Judge Harrington, Mr. Stewart C. Higgs, chemist and druggist, 59 Sheen Lane, Mortlake, S.W., sued Mr. E. F. C. Pashley, chemist and druggist, Disraeli Road, Ealing, W., for damages for breach of agreement. From the evidence it appeared that Mr. Higgs engaged the defendant to act as *locum* for three weeks in July last while he was away on holiday. Two days before the expiration of the period the defendant forwarded the key of the premises to Mr. Alfred Higgs, Kingston-on-Thames (father of the plaintiff), stating that he had been released from his engagement by Mr. S. C. Higgs in order to enable him to take another situation; but this was not the fact. The pharmacy was consequently closed nearly a whole day, as the plaintiff was not able to arrive back at his business till nearly 6 p.m. The defendant did not appear in person, but sent a letter in which he stated that he was unable to attend; he added that he had only had eight weeks' engagement recently, and if the case went against him he could only offer a small amount monthly in liquidation of damages. The judge awarded the plaintiff £5 and costs.

## New Companies and Company News

P.C. means Private Company and R.O. Registered Office.

**D. R. HUGHES, LTD. (P.C.).**—Capital £1,500. Objects: To carry on the business of chemists, druggists and opticians, etc. The directors are: J. L. Coles and D. R. Hughes. R.O.: 1 Belmont Chambers, Belmont Road, Uxbridge.

**BRYTE (1928), LTD. (P.C.).**—Capital £100. Objects: To acquire the business of manufacturing chemists now carried on by T. Hadley at 154 King's Cross Road, W.C. The first directors are: A. F. Tayler and T. Hadley, B.Sc. R.O.: 154 King's Cross Road, W.C.

**F. W. CANNON (CHEMISTS), LTD. (P.C.).**—Capital £500. Objects: To carry on the business of chemists, druggists, drysalts, oil and colourmen, etc. The subscribers are: G. E. H. Reader and C. S. Goddard. Solicitors: Geo. Reader & Co., 35 Coleman Street, E.C.

**HARRIS PHARMACY, LTD. (P.C.).**—Capital £500. Objects: To carry on the business of manufacturing wholesale and retail pharmaceutical and analytical chemists and druggists, dispensers and drysalts, etc. The subscribers are F. R. Collison and E. E. Foster. R.O.: 118 Kingsland Road, E.2.

**A. M. CLARK, LTD. (P.C.).**—Capital £1,000. Objects: To acquire the business of a drug store proprietor and wine, spirit and tobacco merchant carried on by A. M. Clark at 1 Market Place, Penistone. The subscribers are: A. M. Clark, C. A. Elliott. Solicitors: Slater & Elliott, 39 Bank Street, Sheffield.

**W. J. BISHOP'S PHARMACY, LTD. (P.C.).**—Capital £300. Objects: To acquire the pharmacy and drug store at 56 Church Lane, Charlton, S.E.7, and to carry on the same and the business of opticians, patent medicine proprietors, etc. The directors are: W. J. Bishop, Mrs. Annie E. Bishop, and Miss Edith F. Bishop. R.O.: 56 Church Lane, Charlton, S.E.7.

**SOFLOR, LTD. (P.C.).**—Capital £750. Objects: To adopt an agreement with Polaks Fruit Works of Amersfoort, Holland, to buy, sell and deal in fruit essences, extracts, synthetic essences, flavourings, floral ottos, essential oils, perfumes, etc. The subscribers are: L. Toms and V. Summers. The first directors are: Jakob Polak, Reinhart de Kat, and Frdk. H. Saville. R.O.: Albion Mills, East Tenter Street, E.1.

**J. PILLISCHER, LTD. (P.C.).**—Capital £5,000. Objects: To acquire the business of a manufacturer of and dealer in optical and other scientific instruments and dealer in surgical and electrical apparatus and general appliances of all kinds now carried on at 88 New Bond Street, W., as "J.

Pillischer," and to carry on the business of jewellers, gold and silver smiths, etc. The directors are: J. Pillischer (permanent governing director), L. Pillischer, Bertha Pillischer, Esther Le Gallais and A. Cowdry. R.O.: 88 New Bond Street, W.1.

## Bankruptcy Reports

**Re Thomas Stevenson,** trading as The Dawson Drug Co., 341 Chorley New Road, Horwich.—The application for discharge in this matter was heard recently at the Court House, Mawdsley Street, Bolton. It was reported by the Official Receiver that the debtor's assets were not of the value of 10s. in the £ on the amount of his unsecured liabilities; he had not kept a full set of books. Debtor contended that his cash book sufficiently disclosed his financial position. Discharge was granted, subject to a suspension of fifteen months.

**Re Charles Boon-Chuey Scott,** produce broker, 9 Mincing Lane, E.C.—The public examination of this debtor was held on November 6 at the London Bankruptcy Court, before Mr. Registrar Mellor, the accounts showing liabilities £10,614, against assets valued at £35. According to the Official Receiver's observations, the debtor, in November 1926, became a partner in the firm of Teakle, Nichols & Scott, produce brokers, of Dunster House, Mincing Lane, E.C., into which business he introduced £4,000 capital, and became entitled to a third share thereof, but after six months' trading it was realised that the business did not justify the drawing of three partners (which were at the rate of £270 per month), and Mr. Teakle retired from the partnership on May 1, 1927, upon being relieved of all liability in respect of the business, and receiving a sum which brought his total drawings up to £1,000. He (debtor) then borrowed a further £1,000 from his father and put it into the business as additional capital, but the partnership suffered loss in consequence of trade depression, heavy overhead charges and drawings, but to enable the firm to continue the business his father lent them £1,000 on the security of a charge on book debts and certain policies of assurance on the lives of the partners. Six months later they sought a partner with business experience, and in September 1927 the petitioning creditor advanced them £2,000 under an agreement whereby he was to have free access to the office, books and records of the partnership for six months, to enable him to decide whether he would become a partner and have his £2,000 in the business as capital. At or about the end of 1927 the firm suffered a loss of about £1,000 on the failure of a customer to carry out a contract, the performance of which they had guaranteed, and in 1928 they made further heavy losses in consequence of the fall in the price of rubber whereby the firm became liable for £2,628, and he personally lost £1,519; they therefore found it impossible to continue trading, and at or about the end of March 1928 they closed the office. Since March 1928 he has been employed by a firm of produce brokers, on commission against which he draws £41 per month. The debtor attributes his insolvency and that of the firm to loss in trading, owing to heavy overhead charges which the business did not justify, and to a long period of trade depression; to heavy drawings by the partners and lack of profit to meet them; to failure of two clients to fulfil their contracts, in consequence of which they became liable for £3,058; and to loss on purchases and sales of rubber.

## Gazette

### Partnership Dissolved

GILL, J. W., and STOUT, H., 52 Seedley Road, 57 Broad Street, 247 Ellor Street, and 180 Bolton Road, Pendleton, chemists and druggists, under the style of S. Gill & Son.

### Bankruptcy Acts

#### RECEIVING ORDER AND ADJUDICATION

HAMBROOK, E. O., 9 Stroud Street, Dover, Kent, chemist and druggist.



## Insurance Act Dispensing

Record of matters concerning Chemists' interests in the National Health Insurance Acts.

### Local Reports

#### ENGLAND AND WALES

**Cambridge.**—A case of non-compliance by a chemist with the provisions of the scheme for testing drugs was considered by the Insurance Committee on October 13. The Pharmaceutical Service Subcommittee reported that in June last a duly appointed agent handed to the chemist a prescription form and bottle, and the prescription was dispensed. The chemist, being then informed that the medicine was for the purpose of a test in accordance with the scheme, refused to halve the mixture, and only handed back to the agent the original form of prescription. The chemist did not attend the meeting of the Subcommittee, but sent a letter in which he said: "I venture to think that your requirements regarding the division of the above-mentioned bottle of medicine would have been achieved had your inspector, after I handed him the bottle, himself divided the contents, sealed both bottles, taking one for analysis and leaving me one for my protection, as is done by inspectors under the Food and Drugs Act." The Subcommittee, in view of the generally unsatisfactory attitude adopted by the chemist in this and previous tests under the scheme, resolved to recommend the Insurance Committee to inform the Ministry of Health that, in the opinion of the Committee, the sum of £5 should be deducted from the remuneration due to the chemist. Mr. L. F. Newman, moving the adoption of the recommendation, said the Subcommittee had come to their decision after very careful consideration. Mr. S. F. Barker said the action of the chemist was very strongly to be condemned; but, as it was the first offence of its kind, he believed, in the country, and the chemist was not drawing a very substantial sum from the Committee, he thought a £5 fine was rather excessive. Dr. Ezard said it was quite an unsatisfactory position which the chemist took up. He had to follow the regulations under the Insurance Act. It seemed to be gross contempt of the Committee, and under the circumstances the fine was not unreasonable. The recommendation was adopted.

**Croydon.**—At the meeting of the Insurance Committee recently it was reported that two mistakes had been made by chemists in the dispensing of prescriptions. The first case disclosed a deficiency of 52.1 per cent. The explanation given was that a solution of the drug had been made up one in two, and the chemist, having decided that this was too concentrated to permit accurate measurement, made up for future use a solution one in four, and omitted to alter the label on the bottle. His assistant made up the mixture assuming that the solution was one in two. In this case the Pharmaceutical Subcommittee recommended that the chemist be censured. With regard to the second case, there were two mixtures. One contained double the quantity of ammonium carbonate than the other, and the error arose through the assistant trusting entirely to his memory, taking the quantity of ammonium carbonate to be the same. The Subcommittee recommended that the chemist be cautioned.

**Cumberland.**—At a meeting of the Insurance Committee, on October 26, it was decided to communicate with the clerk to the Police Committee suggesting that, if possible, samples of medicine supplied to patients by panel chemists should be taken when the police are off duty. The chairman reported that he had seen the chief constable and asked him to allow the police to wear plain clothes when taking samples, but the chief constable stated that it would be difficult to carry out that wish.

**London.**—A meeting of the London Panel Committee was held recently. It was reported that the Panel Committee instructed its representatives at the forthcoming annual conference to inquire whether it is quite certain that an approved society will not recommend an insured person for spa treatment unless the patient's practitioner has first recommended that such treatment shall be given. The Committee devoted a discussion to the consideration of the prescribing of a practitioner.

This practitioner, who had 271 persons on his list, had issued during the quarter for which the investigation was made 360 prescriptions for 98 patients, and the cost per prescription in pence was 16.303, as against an average for the area of 8.133. The Subcommittee stated that the extremely high ingredient cost appeared to have been due to the ordering of proprietary preparations when alternative preparations of lower cost might conceivably have met the need, to polypharmacy, to the duplication of flavouring and carminative agents, to the ordering of certain medicaments in unusually large quantities or with unusual frequency, and to the ordering of dressings in amounts larger than usual. The Subcommittee reported that in its opinion the prescribing of the practitioner revealed excess, and, after allowing him a margin of 25 per cent. above the average for the area, decided that the amount of the excess cost imposed on the drug fund was £12 14s. 4d., and recommended that the Ministry of Health be so informed. The practitioner forwarded certain observations in which he contended that an insured patient was entitled to the medicine which proved beneficial to his particular case irrespective of cost. He had a large number of Jews on his list who often wished to see specialists; in fact, one of the expensive preparations ordered had been recommended by a specialist to whom he had referred the patient. Dr. Partridge moved the reference back of the recommendation, because he objected to the method of allowing the practitioner an excess of 25 per cent. above the average for the area. He could not imagine on what scientific basis this 25 per cent. was arrived at. Surely there would be no difficulty in going over the 360 prescriptions in question, one by one. Dr. W. H. Palmer seconded. The chairman of the Subcommittee opposed the reference back. The voting resulted in a tie, and the motion to refer back was carried by the casting vote of the chairman.

**Warwickshire.**—At a meeting of the Insurance Committee, on October 30, it was stated that during 1927 53,921,000 prescriptions were issued in the county, representing 8,411 tons of medicine. Mr. J. J. Torrance said it was time doctors told patients plainly that medicine was no good to them. A doctor stated that a thing like that meant absolute blackmail. If a practitioner refused medicine, a patient would go elsewhere at once. Another doctor said patients imagined they were not getting full benefit if they were not given medicine. He had heard people say, "I have been insured for years and have had no medicine yet. It is high time I had some." Mr. S. J. Port suggested that the only remedy was for doctors to make medicine extremely objectionable.

#### SCOTLAND

**Dundee.**—At a meeting of the Insurance Committee held on October 18, the decisions of the Scottish Board of Health regarding panel practitioners were considered. The chairman stated that their inquiry had revealed "a scandalous state of affairs, calculated to bring the whole panel system into disrepute." Their inquiry revealed that a doctor employed a girl of thirteen years of age to go round the patients in the surgery looking at the cards and then filling up the certificates. He hoped there would be no recurrence of this, but if so the Committee would have no option but to ask the Scottish Board of Health to remove this doctor's name from the panel. The matter before the Committee was the confirmation by the Scottish Board of Health of the Committee's action in deducting £50 from the doctor's remuneration and reducing his panel list by 400 in consequence of two findings. The first charge was one of a breach of the terms of service by charging a fee for a service rendered to an insured person without notifying the Committee. The other was that of granting illiterate certificates. For that they had decided to reduce his panel list from 1,600 to 1,200. The doctor had written to the effect that he would lose £180 per annum. The chairman agreed it was a formidable penalty, but it was not a penny more than the offence deserved. The doctor had appealed against the Committee's findings, but at the end of the hearing had withdrawn his appeal.



## Associations' Winter Session

**Hull.**—The Hull Chemists' Association was visited, on October 16, by the president of the Proprietary Articles Trade Association (Alderman Alfred Higgs), who was accompanied by the organising secretary (Mr. J. A. Kenningham). In his address, Mr. Higgs pointed out the value of the P.A.T.A. to the retail pharmacist. He was pleased to note that the Hull pharmacists had been in the vanguard at the formation of the P.A.T.A. over thirty years ago, and that three of the original subscribers were present in person at that meeting. The secretary assured the members present that a vast amount of work was done in the office of the P.A.T.A. which it was impossible to describe fully. The chairman, Mr. Oliver, proposed a vote of thanks to the speakers. Mr. Higgs replied, and said how pleased he was to visit Hull for the first time, especially as it was due to an invitation from one of his old assistants of forty years ago, Mr. Palmer.

**Public Pharmacists.**—The first meeting of the present session of the Guild of Public Pharmacists was held at 17 Bloomsbury Square on October 24, when Mr. R. Melville, Ph.C. (London Hospital), delivered a lecture on *Notes on Some Medicinal Plants*. The president of the Guild (Mr. F. E. Bullen) occupied the chair. Mr. Melville outlined the various means whereby adventive plants were introduced into and became established in this country, and dealt with a number of medicinal herbs which had become indigenous. The lecture was illustrated by excellently preserved specimens, which had been collected and dried by Mr. Melville himself. At the conclusion of the address Mr. J. Langford Moore proposed a vote of thanks to the lecturer.

**West Ham.**—There was a good attendance of members at a meeting of the West Ham and District Association of Pharmacists, held on October 23. The president (Mr. W. J. Beardsley) was in the chair. Several business subjects were discussed, and resolutions were passed on "the sixpenny photographic film" and "medicines supplied by slot machines."

## Festivities

### West Ham Dance

ON October 18 the members of the West Ham and District Association of Pharmacists gathered in great force at the Red Triangle Club for the first dance of the season. They were received by the president and Mrs. J. W. Beardsley, and a thoroughly enjoyable evening was spent. With Mr. C. B. Pratt acting as M.C., dancing continued till 11.30 p.m. Towards the close of the evening the lucky spot prizes were distributed to the winners as follows:—*Ladies*: Miss Smith and Miss Day. *Gentlemen*: Mr. Stewart and Mr. Simpson.

### Western Pharmacists Reunion

THE customary reunion which commences the winter session of the Western Pharmacists' Association was held at 192 Oxford Street, W.1, on October 18. Among those present were Mrs. Freke, Mr. Thomas Marns, Mr. Harry Martin, Mr. A. R. Melhuish, Mr. C. A. Noble, Mr. T. Morley Taylor, Mr. G. A. Tocher, Mr. W. Wilkinson and a large contingent of ladies. The president (Mr. W. B. Falding) expressed the general regret at the unavoidable absence of Mrs. Irvine, Mr. William Browne, and Mr. Edmund White, and announced that the cups for golf, bowls and shooting had been won respectively by Mr. G. A. Sturton, Mr. J. C. Berry, and Mr. J. Forbes. The whist drive resulted in prizes being won as follows:—*Ladies*: Mrs. Forbes, Miss Gales, Mrs. Marns, and Miss Bromley. *Gentlemen*: Messrs. Tocher, Marns, Hooper and Lester.

### Liverpool Chemists' "Smoker"

As briefly recorded in our issue of November 3, the annual smoking concert of the Liverpool Chemists' Association and Branch of the Pharmaceutical Society

in aid of the Pharmaceutical Society's Benevolent Fund, held on November 2, resulted in raising the sum of £100. Mr. John Jones, president of the Association, who was in the chair, was supported by Messrs. L. Moreton Parry (vice-president of the Pharmaceutical Society), H. N. Linstead (secretary of the society), J. G. Wallbridge (vice-president of the Association), J. L. Hirst, T. Edward Lescher, O.B.E., H. Humphreys Jones, W. Ashworth, D. H. Evans, Martin Hughes (honorary treasurer), G. Chubb (secretary), G. Hodgson (administrative officer of the Liverpool Insurance Committee), H. Wyatt, J.P. (Bootle), and C. Wherley (Wallasey). Mr. Linstead pointed out that the Benevolent Fund had been in existence for eighty-six years, and during that period the sum of £150,000 had been expended in benevolence. Between 120 and 150 people were assisted yearly. There were 20,000 chemists on the register, but the Fund was getting less than a shilling a head from the qualified men. They wanted more annual subscribers, and he suggested that it would be a good idea to publish in the Press a list of subscribers and amounts given. Mr. L. Moreton Parry, in thanking all present for their support, announced that the collection had amounted to over £30, which, he thought, was a very handsome sum considering that there were so few people present. They had also received a contribution of £10 10s. from the Liverpool Ladies' Committee, who, with Mrs. John Jones and Mrs. Ferriday at the head, had worked very hard to raise that sum. Before they met that night, the officers of the Association had raised the sum of £55 9s. 6d. The total was £95 10s. He appealed to the gathering to make the sum up to £100, and this was responded to, the actual total finally amounting to £100 2s. An enjoyable musical programme was contributed to by Miss Nell Birkett, Mr. Arthur Savage, Mr. Ben Crompton and Mr. Bert Hassall (humorist), with Mr./ Arthur Dicks at the piano.

## Coming Events

This section is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc., occur.

### Tuesday, November 13

*Pharmaceutical Society of Great Britain*, Lecture Theatre, 17 Bloomsbury Square, London, W.C.1, at 8 p.m. Address by Mr. C. J. S. Thompson on "The Apothecary and some curious Materia Medica of the Seventeenth Century."

### Wednesday, November 14

*Birkenhead and Wirral Pharmacists' Association*, Woodside Hotel, at 8.30 p.m. Addresses by Mr. H. Marshall and Mr. H. E. Chapman.

*Edinburgh Chemists', Assistants', and Apprentices' Association*, 36 York Place, Edinburgh, at 8 p.m. Inaugural address on "Fungi and Fungous Diseases of Plants," by Miss M. McA. Smith.

*Liverpool Chemists' Association*, Royal Institution, Colquitt Street, Liverpool, at 8.30 p.m. Lecture on "A Trip to New Zealand," by Mr. W. I. Scholes.

*Liverpool Pharmacy Club*, St. Margaret's Hall, Parkway. Dance. (The raffle planned for Sunday, November 11, has been cancelled.)

*Manchester Pharmaceutical Association*. Discussion on "Everyday Problems in the Pharmacy," introduced by Mr. J. H. Franklin.

*National Association of Women Pharmacists*, Lecture Theatre, 17 Bloomsbury Square, London, W.C.1, at 8.45 p.m. Address by Miss Andrews on "A Holiday in California." Lantern slides.

*Pharmaceutical Society of Great Britain, East Metropolitan Branch*, Y.M.C.A. Buildings, 67 Woodgrange Road, Forest Gate, London, E.7, at 8.45 p.m. "The Pharmaceutical Society and Its Activities," by Mr. John Keall.

*Pharmaceutical Society of Great Britain, Leeds Branch*, Hotel Metropole, at 3 p.m. Illustrated lecture by Mr. T. Marns on "Impressions of America." At 7 p.m. the joint annual dinner (R.P.U. and Society) is to be held.

### Thursday, November 15

*Junior Rally*, Friends House, Euston Road, London, N.W.1, at 8 p.m. Short addresses by Mr. E. T. Neathercoat, member of Council, and Mr. F. W. Adams, assistant secretary of the Society. Mr. Herbert Skinner will be in the chair. Light refreshments will be served.

*West Ham and District Association of Pharmacists*, Church Institute, 27 Romford Road, at 3 p.m. Mr. H. B. Mackie, Brighton Technical College, will open a discussion on "Can the Apprentice be Efficiently Trained in the Shop of To-day?"



## Pharmaceutical Society of Great Britain Council Meeting

A MEETING of the Council was held at 16 Bloomsbury Square, London, W.C., on November 7, Mr. H. Skinner (president) in the chair. Apologies for absence were received from Messrs. Sargeant, Jack and Humphrey, the last of whom, the president explained, had been taken ill.

### DEATH

The PRESIDENT said his first duty was a very sad one. He thought if one looked back over the history of the past twenty-five years there would be found one name that stood out prominently in connection with every movement in pharmacy. That name was Edmund White.

"I can scarcely remember a time," said Mr. Skinner, "when Edmund White was not active in some way in the interests of our calling. There were only two phases in his life, and only two channels of activity. One was his business and the other pharmacy, and he devoted his entire energies to the calling, to the exclusion of every other form of public service. Pharmacy was the dearest thing of his life. He was always ready to attend a meeting, whether it was of national importance or concerned merely with local organisation, and that was especially true of London meetings.

"Mr. White had been connected with the Western Pharmacists' Association for many years, and took a leading part in its affairs. For five difficult years he was president of this Society, and during that time he was often called upon by Government departments and other authorities to give immediate decisions and advice urgently needed in circumstances when it was impossible to refer to a scattered Council. The full responsibility fell on him, and it could be truly said that rarely did he give advice or come to a decision that in the end was not found to be just."

There was much more, continued the president, that he could say, but he felt that what he had already said was what every member of Council would wish him to say. He knew that every member of Council would miss Mr. White just as much as he himself would miss him. It remained for them to carry on Mr. White's work as unselfishly as Mr. White had done for the last twenty-five years. Every member of the Council would have enshrined in his heart some memory of their late colleague, of his kindness, his cheerfulness, and of his sometimes queer philosophy. Every member could pay his own personal tribute to the memory of Mr. White, but it was felt that it would be better for him (the president) to move a formal resolution, and for the vice-president to second it, for that was what Mr. White himself would have liked. He therefore moved the following resolution:—

That this Council learns with deep regret of the death of Mr. Edmund White, a past-member of its board of examiners, past-chairman of the British Pharmaceutical Conference, its president during the difficult years of the War and chairman of many of its most important committees.

Throughout his life his influence was widespread throughout the Society's work, and his death leaves a gap that will not be readily filled. It means the loss of one in whom a high degree of scientific knowledge was combined with balanced judgment, wide experience of the world and a generous humanity. His colleagues upon the Council and his many friends in pharmacy are the richer for the memory of a life of which the spare hours were freely devoted to the interest—the welfare of the Society of which he was so distinguished a member.

To Mrs. White and his family in their bereavement the Council sends its respectful sympathy.

The VICE-PRESIDENT, seconding, said he was speaking for every member of the Council when he said that he endorsed every word which the President had uttered.

The Council passed the resolution by standing in silence.

### DEPUTATION FROM NORTHERN IRELAND

The PRESIDENT next welcomed a deputation from the Pharmaceutical Society of Northern Ireland, consisting of Messrs. Hardy, Storey, McBride and Kirkpatrick,

who, he explained, had come from Belfast to confer with the Council on the question of reciprocity. They had come to some agreement, which the Council hoped to ratify at their next meeting.

### ELECTIONS AND RESTORATIONS

Forty-seven persons were elected members of the Society, and eight persons as student-associates. Two persons were restored to the register and a number to the Society. The registrar reported that 166 persons had been registered as apprentices or students.

### EXAMINERS APPOINTED

The following persons were appointed as examiners for England and Wales for the ensuing year:—Arnall, Francis; Bentley, Arthur Owen; Berry, Harry; Blackman, Vernon Herbert; Borrowman, Agnes Thomson; Brindle, Harry; Carter, Nellie; Corfield, Charles Edwin; Davis, Harold; Doree, Charles; Driver, John Edmund; Evans, John; Fritch, Felix Eugene; Furnival, Stephen; Greenish, Henry George; Grier, James; Haas, Paul; Hampshire, Charles Herbert; Hemming, Frederick; Hill, Thomas George; Jones, Henry Humphreys; Kirkaldy, Patrick Henry; Lacey, Henry Baker; Lewis, Thomas; Lewis, William Henry; Linnell, Wilfred Herbert; Mackie, Henry Brown; Peck, John Wicliffe; Preston, Ernest; Price, Thomas Slater; Priestley, Joseph Hubert; Richardson, Donald H.; Ridley, Thomas Moore; Robinson, Wilfrid; Salisbury, Edward James; Tabor, Richard John; Wallis, Thomas Edward; Ware, Alan Henry; Webb, Henry William; Williams, Kenneth Edward Nethercoate; Young, Arthur Edward.

The following persons were appointed as examiners for Scotland for the ensuing year:—Boon, Alfred Archibald; Dall, John; Gilmour, John; Hunter, Matthew Verden; Matthews, James Robert; Meldrum, Martin; Milburn, Charles Barr Peacock; Smith, William Gardner; Stephen, Charles; Wilson, Thomas.

With regard to the appointment of divisional secretaries in Scotland, Mr. Hill reported that it was not yet possible to complete the list, which was being rearranged so as to correspond with the Parliamentary divisions, but he hoped to have it ready for the next meeting.

### RECIPROCITY QUALIFICATION

Mr. William Brown, 31 Church Street, Paignton, having presented evidence of having passed the qualifying examination of the Pharmacy Board of Western Australia, and tendered the prescribed fee, was registered as a chemist and druggist.

### EDUCATION COMMITTEE

The report of the Education Committee showed that they had recognised a school for botany in addition to chemistry and physics, and transferred the recognition of another one to a new college which had absorbed it. The report was adopted.

### BENEVOLENT FUND COMMITTEE

The report of the Benevolent Fund Committee showed that fourteen applications had been considered, and grants varying from £13 to £30 had been made. Details were given of the cases dealt with during the three months ended September 30, and a table was submitted indicating a total disbursement of £537. The following special contributions were announced:—Lancaster, Kendal and District Branch, £1 3s.; West Kent Pharmacists' Association, £5 5s.; J. E. Alcock, £10 10s.; Miss C. O. Griffiths (past-students' collection), £5 5s.; Great Yarmouth Pharmaceutical Association, £1 6s. 6d.; Alchemy (Pharmacists) Royal Arch Chapter 3950, £3 3s.; Dunkley & Rogers, £2 12s.; Lancaster, Kendal and District Branch, 6s. 6d.; Ealing Branch, 9s. 6d.; J. R. Jewson, £5 5s.; Southport Pharmacists' Association, £21 16s. 6d.; Derby and District Branch, £5; Portsmouth Pharmacists' Ladies' Committee, £4 4s.; Birmingham Pharmaceutical Association, £5 5s.; J. Oliver, £5 5s.; R. R. E. Perkins, 16s. 6d.; Exors. of J. B. Thomas, 17s. 6d.; C. W. Higgins, 16s. 6d. *Orphan Fund*.—Mitchell & Maxey, 15s. 10d.

Mr. SIMMONS drew special attention to the collection of £21 16s. 6d. at the annual dinner of the Southport



Pharmacists' Association, observing that it was a magnificent amount from a small Association. Since the president's appeal, he added, enthusiasm had been shown by the branches throughout the country, and he was hopeful that excellent results would follow during the winter session. (Hear, hear.) The report was adopted.

#### WAR AUXILIARY BENEVOLENT FUND

The Committee reported that during the month four applications had been considered, and two grants of £100 and £50 respectively were now recommended. The quarterly statement showed that of a total of eight cases considered seven had been assisted, an aggregate sum of £538 having been paid. The report was adopted.

#### BRITISH PHARMACEUTICAL CONFERENCE

The report of the Executive Committee of the British Pharmaceutical Conference showed that the following members were reappointed to serve on the Society's Science Committee:—Mr. N. Evers, Mr. B. F. Howard, Mr. E. S. Peck, Mr. H. B. Mackie. The date of the Dublin meeting was discussed. Mr. Hanna reported that, owing to other events in Dublin which would affect hotel accommodation, the only week they could fix was June 24-28, and it was decided that the week June 24-28 be agreed to. The report was adopted.

#### ESTABLISHMENT COMMITTEE

This Committee reported that the Dean of the School anticipated that either additional accommodation would be necessary or students would have to be refused. He was requested to prepare a further report upon the position. The report was adopted.

#### FINANCE COMMITTEE

The financial statement showed that receipts since the last meeting, including a balance of £84 19s. 5d., amounted to £10,157 4s. 3d., comprising the following items:—Subscriptions, £216 4s. 9d.; examination fees, £16 16s.; registration fees, £472 10s.; restoration fees, £1 1s.; Pharmacological Laboratories, £86 2s.; penalties, £61 14s. 2d.; "Pharmaceutical Journal," advertisements, etc., £1,222 16s.; "Quarterly Journal," £12 10s.; "Pharmaceutical Pocket Book," £12 10s. 5d.; Pharmaceutical Press publications, £37 4s. 2d.; Registers, £6 18s.; B.P. Codex, 1923, £61 4s. 11d.; interest on investments, £137 6s. 2d.; School of Pharmacy, £1,156 1s. 2d.; transferred from deposit account, £5,650; transferred from staff provident fund, £915 11s. 10d.; sundries, £5 14s. 3d. Payments ordered at the last meeting amounted to £10,138 4s. 8d., leaving a balance of £18 19s. 7d. The balances on the other accounts were:—Benevolent Fund (current account), £10 0s. 2d.; Benevolent Fund (donation account), £21 6s. 4d.; War Auxiliary Benevolent Fund, 11s. 8d.; Orphan Fund, £65 2s. 11d. The report recommended that accounts amounting to £6,351 3s. 5d. be paid, and that the action of the secretary in making payments amounting to £1,169 18s. be approved.

The report was adopted.

#### ORGANISATION COMMITTEE

The report of this committee showed the following Cheltenham Conference statistics:—Possible total of delegates, 248; number of branches that did not appoint delegates, 45; number of delegates appointed, 166; number of delegates who attended, 108; cost of delegates, £153 19s. 4d.

The Committee considered the following resolution of the Manchester, Salford and District Branch remitted to them by the Council:—"That in future conferences it is desirable that an edited report of the delegates' meetings should be issued to the public Press." The Committee felt that it was desirable as a general rule that these meetings should be private, but that there might be discussions from time to time where the presence of the Press would be an advantage. They recommended that, in future, meetings of delegates of the Society's branches be private meetings, except where the Council for any particular meeting might decide otherwise.

The Committee also recommended:—(a) That the resolution upon apprenticeship in wholesale houses be remitted to the Education Committee for consideration and report; (b) that the branches be requested to supply the names of those members engaged in public work with a view to the better utilisation of their services to the Society. The report was adopted.

This was all the public business.

#### The Society's Calendar

After an interval of eleven years the Pharmaceutical Society has issued a calendar (8½ in. by 5½ in., pp. 242, 3s. 6d.), bound similarly to the one familiar to many members and embodying most of the accustomed features with the exception of the list of ordinary members. The by-laws have been brought up to date, and matter no longer appropriate has been deleted—e.g., war emergency regulations. The sequence of the contents is not quite the same as in the calendar for the year 1918, but this is detail of no material importance. The pages commencing with the general heading "Legal Summary" show a commendable desire to supply practical information; the inclusion of a table of fees charged in the Pharmacological Laboratories was also a wise step. Reference to the Merchandise Marks Act, 1926, and to the Shops (Hours of Closing) Act, 1928, might with advantage have been included.

#### North British Executive

A MEETING of the Executive of the North British Branch was held at 36 York Place, Edinburgh, on October 31, Mr. H. P. Arthur in the chair. There were present Dr. Coull and Messrs. Arthur, Bennett, Carmichael, Currie, Duff, Forbes, Guthrie, Harley, Jack, McMillan, McNab, McVittae, Meldrum, Milne, Robertson, Simpson and Stewart.

#### DEATHS

The Chairman said this was the first meeting of the Executive since the death of Mr. A. J. Chater, formerly assistant secretary to the Society. He (the chairman) was first brought in contact with Mr. Chater in connection with the Benevolent Fund of the Pharmaceutical Society, and was much impressed by his kindness and tact in dealing with cases. He felt sure it would be their desire to record their sympathy with his relatives.

He also referred to the death on August 28 of Mr. A. H. Millar, Bervie, Kincardineshire. In a quiet way he very efficiently carried out his duties as divisional secretary. He moved that they also record a sense of their loss and of sympathy with the relatives of Mr. Millar.

#### B.P. CONFERENCE AT CHELTENHAM

The CHAIRMAN, in reporting on the Cheltenham Conference, said he had not found it possible to attend the meetings of the science section. The delegate meetings were well attended. The discussion on Mr. Beardsley's proposal that apprenticeship in wholesale laboratories should be recognised was exceedingly interesting, and Mr. Beardsley's suggestion that such apprentices should spend one year in a retail pharmacy was approved. With regard to Mr. Peck's paper on "What We Train Apprentices For," the discussion was somewhat mixed. It got side-tracked on to a discussion on salesmanship which was quite irrelevant, and much of the talk was also irrelevant. The paper itself was very good, and the discussion was quite interesting. With regard to the education meeting, the discussion was rather emasculated for want of time. One or two points emerged and, on the whole, the meeting served a good purpose. Thanks to the local pharmacists, the social functions were exceedingly good, and the excellent local arrangements worked out most happily.

#### DIAMOND JUBILEE AND BENEVOLENT FUND DINNER

The CHAIRMAN, reporting on the dinner held on October 3, said that this was made the occasion of an appeal for augmented support of the Society's Benevolent Fund. The president stated a very definite objective for the coming year, namely, that they should raise an additional £5,000 for the Fund.



## SCHOOL OF PHARMACY COMMITTEE

It was unanimously agreed to renominate Messrs. Harvey P. Arthur and Anthony McMillan, Glasgow, as representatives of the Society on the School of Pharmacy Committee of the Royal Technical College, Glasgow.

## INDUSTRIAL METHYLATED SPIRIT AND ABSOLUTE ALCOHOL

The question of the use of industrial methylated spirit in preparations like menthol inhalations was still under consideration, awaiting a reply from the Commissioners of Customs and Excise. The same applied to a question of rebate on absolute alcohol prescribed for use with oxygen inhalation in a case of acute pneumonia, which, so far, had been disallowed.

## Branch Meetings

**Blackburn.**—A meeting of the North-East Lancashire Branch was held at Blackburn, on October 30, Mr. Arthur Dobson in the chair. The chairman reported on the diamond jubilee celebrations of the Society and the efforts to augment the Benevolent Fund, and he hoped the North-East Lancashire area would do its share. A collection was taken for this object. The chairman referred to the death of Mr. R. Lord Gifford, Ph.C., J.P., an old member of the Council. A resolution of condolence was passed with the relatives. Mr. W. J. Melhuish, in a lecture on *The Story of Fats and Oils*, traced the discovery of oils and fats, their development and manifold uses. He supported the plea for the Benevolent Fund. A vote of thanks to the lecturer was passed, on the motion of Mr. J. J. Wrigley (chairman of the Junior Branch).

**Bradford.**—The first meeting of the winter session of the Bradford Branch of the Pharmaceutical Society was held on October 25. Mr. J. A. White, the new chairman, was supported by an excellent attendance. The meeting was addressed by Mr. John Keall, member of the Council, who dealt entirely with matters under the control of the Pharmaceutical Society in the course of a general survey of current affairs. After mentioning that during the afternoon he had visited the Municipal Technical College, and addressed the students, Mr. Keall congratulated the Bradford pharmacists on the very active part they had taken in the efforts which had resulted in the eventual recognition of the College for the full curriculum of pharmacy training. He was glad to learn also of the close contact between the pharmacists of the city and the College in the matter of encouraging the students. Mr. Keall proceeded to a strong appeal for further efforts on behalf of the Benevolent Fund. He quoted the £28 contributed by Bradford Branch in 1927, showing that this worked out at only 2s. 10d. per head on the whole branch membership of 164, whereas Cardiff had a special scheme which yielded between 6s. 6d. to 13s. per head of the membership. He recommended all branches to appoint a separate Benevolent Fund secretary. The chairman, opening the discussion, mentioned that Bradford Branch already had a special Benevolent Fund Secretary (Miss Speed), who was doing good work. Replying to Mr. Kirby, Mr. Keall said he could not understand why the Pharmaceutical Society's Journal was on public view in the public libraries, at Bradford and Leeds, disclosing information which was not intended for the public, and he would inquire into the matter. Mr. J. Taylor suggested that the subscription might be reduced to a guinea, and thought members might still send the guinea and a half, but the half be allotted to the Benevolent Fund. Chemists were not yet on the verge of being millionaires. He felt that present conditions would warrant a return to the pre-war subscription. Mr. Taylor entirely agreed that the Glyn-Jones Memorial Fund was worthy of the utmost support. Mr. Keall, replying, said the present financial condition of the Society would not permit a reduction of subscription. Furthermore, the time was coming when the expiration of their lease in Bloomsbury Square would demand a large expenditure on a permanent freehold headquarters, so that for the future they would not be harassed by the handicaps of the present leasehold system. In reply to Mr. F. E. Burdett, Mr. Keall said the Parliamentary Committee would certainly not dissipate the Parliamentary Fund on forlorn hopes, but

would look for the utmost likelihood of election certainty. Mr. M. Firth proposed a vote of thanks to the speaker.

**East Metropolitan.**—The sixth annual meeting of the East Metropolitan Branch of the Pharmaceutical Society was held on October 17, Mr. James Thomson (chairman) presiding. The secretary (Mr. W. E. Gaze) gave a *résumé* of the year's work. Mr. Thomson said that the Branch had had a successful year. He pleaded for a better attendance of members. The Junior Section which had been formed during the year, was now "going strong." Mr. Haylock, chairman of the Junior Section, made an excellent report, and on behalf of the Branch was congratulated by Mr. W. J. Beardsley. The treasurer, Mr. W. T. Graham, presented his balance-sheet, which showed the finances of the Branch to be satisfactory. The following officers were elected for the ensuing year:—*Chairman*, Mr. S. Clifford Jones, Canning Town; *Vice-Chairman*, Mr. H. F. Hodgson, Brentwood; *Committee*, Mr. W. J. Beardsley, Mr. Berry, Mr. W. Gray, Mr. F. W. Gwinn, Mr. L. A. E. Kirkpatrick, Mr. F. Maxey, Mr. J. Reed and Mr. J. Thomson. Mr. W. T. Graham, Mr. G. A. Tocher and Mr. W. E. Gaze were re-elected *Treasurer*, *Auditor* and *Secretary* respectively. Mr. Beardsley proposed a vote of thanks to the retiring officers for their services during the past year.

**Lancaster.**—The Lancaster, Kendal and District Branch of the Pharmaceutical Society held their annual business meeting, on October 17, at Kendal. Mr. R. H. Barker, Windermere, presided, and there were twenty-two members present. In his presidential address, Mr. Barker dealt with expansion of multiple shops, National Health Insurance dispensing, and the Society's Benevolent Fund, congratulating the Branch on the large increase of subscriptions this year, equal to nearly four times what they sent last year. The secretary (Mr. W. A. Smith, Lancaster) presented a report, and his financial statement showed a balance in hand of £16. The following officers were elected:—*President*, Mr. A. Bate, Lancaster; *Vice-President*, Mr. R. C. Robinson, Kendal; *Secretary and Treasurer*, Mr. W. A. Smith, Lancaster; *Auditors*, Messrs. H. E. Cuthbert and W. C. Eastwood, Lancaster; *Committee*: Messrs. A. H. Robertson, J. B. Shattock, W. R. Aked, C. T. Spenceley, Lancaster; F. N. Whitehead, Morecambe; G. Vogt, Kendal; R. Smalley, Carnforth. Mr. F. G. Hines, York, a member of the Council of the Society, gave an address on the work which the Society was accomplishing. Mr. Hines dwelt on the difficulties of organisation in a scattered area, and congratulated Mr. Smith on his good work. Referring to the Benevolent Fund, he said it badly needed a guaranteed regular annual income derived from the individual subscriptions of members. He proceeded to review the activities of the Society during the twelve years he had served on the Council, and detailed the lines of policy which, in his opinion, the Council should adopt. The question of parliamentary representation was dealt with, and the assurance was given that pharmacist candidates would be forthcoming at the next general election. A discussion followed, in which Messrs. Robertson, Smith, Aked, Barker, Vogt and Gardner took part. Votes of thanks were accorded Mr. Hines and the retiring officers.

**Plymouth.**—The annual meeting of the Plymouth and District Branch of the Pharmaceutical Society was held on October 23, Mr. B. J. Woodrow (chairman) presiding. The secretary reported that he had been in communication with the town clerk concerning the proposed Botanical Garden, but could get no definite information. The treasurer's report was satisfactory, showing a credit balance of £44, compared with £32 3s. 4d. of the previous year. The chairman congratulated Mr. Attewell on presenting such an excellent balance sheet. The secretary stated he had received a letter from Mr. Templeton, principal of the Plymouth Technical College, asking for the usual subscription towards the prize fund. It was proposed by Mr. Turney, and seconded by Mr. Lewis, that the sum be increased to four guineas. This was carried. The following officers were elected: *Chairman*, J. H. Lewis; *Treasurer*, O. H. Attewell; *Secretary*, Mr. T. B. Harvey, 68 Station Road, Keyham, Devonport. The retiring chairman and secretary were thanked for their services.



## Births

Notices for insertion in this column must be properly authenticated.

**POINTS.**—At Seaton, Devon, on October 24, the wife of S. F. Points, chemist and druggist, of a son.

**WAIDE.**—At Huddersfield, on October 26, the wife of Thomas V. Waide (a director of Thomas Waide & Sons, Ltd., chemists' printers, Darlington Street, Kirkstall Road, Leeds), of a daughter.

## Marriages

**HOLLINS—SHONE.**—At Wesley Place Church, Tunstall, Stoke-on-Trent, on October 24, Ernest Arthur Hollins, chemist and druggist, to Hilda Jane Shone.

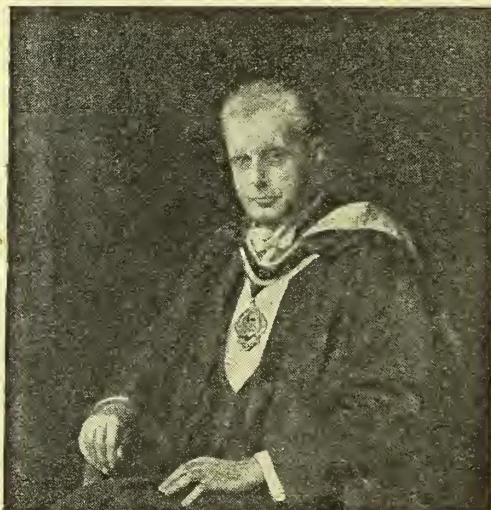
**SALMON—LEE.**—At Barton-on-Humber Wesleyan Chapel, on November 1, by the Rev. T. Maltby Kerruish, Ph.C., Stanley Herbert Salmon, F.S.M.C., Ph.C., son of Mr. H. Salmon, White Rock, Hastings, to Muriel Mary, daughter of Mr. J. C. Lee, J.P., F.B.O.A., M.P.S., Barton-on-Humber, and niece of Mr. H. C. Lee, F.B.O.A., Ph.C., Gainsborough.

**SMITH—BRAZENDALE.**—At Ashington Parish Church, on October 20, by the Rev. S. Davison, M.A., John Smith, M.P.S., son of Mr. J. W. Smith, Ashington, to Lily, daughter of the late Mr. Samuel Brazendale, Farnworth.

## Deaths

**WHITE.**—At 2 Putney Common, London, S.W.15, on November 3, Mr. Edmund White, B.Sc., F.I.C., Ph.C., a past-president of the Pharmaceutical Society of Great Britain, aged sixty-two. Mr. White was senior Bell scholar at Bloomsbury Square in 1886. He passed the Minor examination in the following year, and proceeded to the Major, which he successfully took in 1888 in addition to winning the Society's silver medal in the Council prizes examination. After a brief period as demonstrator in the Society's School, Mr. White became chief pharmacist at St. Thomas's Hospital, relinquishing that position in 1903 to join Hopkin & Williams, Ltd., manufacturing chemists (now an associate house of Howards & Sons, Ltd., Ilford), and eventually becoming managing director of the company. Mr. White's many gifts were chiefly exemplified, perhaps, on the academic side. He took his F.I.C. in 1892, four years after passing the Associateship examination of the Institute of Chemistry, and for several years was a member of the Pharmaceutical Society's board of examiners for England and Wales. He was joint author with Mr. John Humphrey, Ph.C., of "Pharmacopædia," first published in 1901, a member of the Committee of Reference in Pharmacy appointed by the General Medical Council in connection with the preparation of the British Pharmacopæia, 1914, and a contributor to the scientific proceedings of the British Pharmaceutical Conference. He also represented the Society for several years at meetings of the International Pharmaceutical Federation. Mr. White's distinguished career as a leader in the affairs of pharmacy may be dated from his appointment as one of the general secretaries of the British Pharmaceutical Conference in 1903, in which office he remained for six years. Meanwhile, in 1907, he had joined the Council of the Pharmaceutical Society: in that year there was no contest, the two new members, Messrs. White and Rowsell, following two retiring members, Mr. S. R. Atkins and Sir Richard Robinson. In 1912 Mr. White was elected vice-president of the Society, and in the following year he succeeded the late Mr. C. B. Allen in the presidency, which he held till 1918, though for a few months of the war period he was in India on business duties. During his twenty-one years' membership of the Council he presided at various times over each of its standing committees, particularly those in charge of education and science. Mr. White was also officially associated with the 1911 and 1923 editions of the British Pharmaceutical Codex, in the latter

instance as chairman of the subcommittee of revision. His work for the British Pharmaceutical Conference was by no means ended when his tenure of office as a general secretary ceased. In 1913 he was chairman of the Local Committee on which fell the onerous task of arranging for the jubilee meeting in London; and ten years later he was elected chairman of the Conference, presiding at the meetings of 1924 (Bath) and 1925 (Glasgow). In this capacity his practical scientific experience and his social gifts alike found congenial scope. The esteem in which he was held by the members of the Society he had served so long was manifested in the autumn of 1926, when on the occasion of the opening of the School session he was presented with his portrait in oils, together with a list of subscribers and a reproduction of the portrait, the actual one being placed in the Council chamber. The Council learned with regret last spring that Mr. White did not propose to seek re-election in May, when his three years' term of office expired: at the June Council meeting eloquent tributes to his work were paid by the president and other members. The funeral took place on November 6 at Putney Vale Cemetery, after the first part of the service, conducted by the Rev. Frederick Wood, had been held at All Saints' Church, Putney. By Mr. White's own request, the rule was "no mourning, and no flowers."



MR. EDMUND WHITE, B.Sc., F.I.C., Ph.C.

The relatives present were: Mrs. White (widow), Mr. and Mrs. Jack White (son and daughter-in-law), Mr. and Mrs. Karl White (son and daughter-in-law), Mrs. Hackney (sister), Miss Hobart (niece), Mr. Edmund White Hobart (nephew), Mr. and Mrs. Philip B. Snowden (niece and nephew), and Mr. Morton Longley (cousin). Others in the representative gathering included: The president of the Pharmaceutical Society of Great Britain (Mr. Herbert Skinner); the vice-president (Mr. L. Moreton Parry); the treasurer (Mr. Thomas Guthrie); the following members of Council: Mr. Thomas Hardy, Mr. F. G. Hines, Mr. John Humphrey, Mr. John Keall, Mr. Thomas Marns, Mr. A. R. Nelhuish, Mr. E. T. Neathercoat, Mr. E. Saville Peck, Mr. Philip F. Rowsell; Professor H. G. Greenish (Dean of the School); the secretary of the Society (Mr. H. N. Linstead); the assistant secretary (Mr. F. W. Adams); the resident secretary in Scotland (Mr. J. Rutherford Hill); Mr. E. A. Umney (auditor); Mr. F. Wokes (Pharmacological Laboratories); Mr. F. Browne (secretary, Scientific Advisory Committee); the following representatives of the Pharmaceutical Society of Northern Ireland: Mr. W. J. Hardy (president), Mr. A. C. McBride (ex-president), Mr. Fred Storey, Mr. D. L. Kirkpatrick (secretary); Dr. C. H. Hampshire (senior general secretary of the British Pharmaceutical Conference); Professor G. T. Morgan; Mr. W. J. U. Woolcock; Mr. C. A. Hill (chairman of The British Drug Houses, Ltd.); Mr. F. W. Gamble (Allen & Hanburys, Ltd.); Mr. P. Elenkinsop and Mr. W. G. Hyde (May & Baker, Ltd.); Mr. Leslie J. Morson (Thomas Morson & Son, Ltd.); Mr. F. C. J. Bird (C. R. Harker, Stagg & Morgan, Ltd.); Mr. Alfred G. Howard, Mr. Bernard F. Howard, Mr. D.



Lloyd Howard and Mr. Geoffrey Howard (Howards & Sons, Ltd.); Mr. Hugh Taylor Taylor, C.C., representing Mr. Ralph Taylor (Hopkin & Williams (Travancore), Ltd.); Miss I. Baillie, Mr. H. B. Everson, Dr. J. G. Jackson, Mr. H. F. V. Little, Mr. H. Spray and Mr. W. G. Vincent (Hopkin & Williams, Ltd.); Mr. J. T. Robin (J. T. Robin, Ltd.); Mr. W. H. White (Smiles & Co.); the following members of the Western Pharmacists' Association: Mr. W. B. Falding (president), Mr. C. G. Bonner (ex-president), Mr. G. W. Evans, Mr. C. A. Noble; Mr. J. E. French and Mr. G. A. Mallinson (Retail Pharmacists' Union); Mr. H. E. Chapman and Mr. J. A. Kenningham (Proprietary Articles Trade Association); Mr. F. E. Bullen and Mr. Langford Moore (Guild of Public Pharmacists); Mrs. J. A. Jennings (Felixstowe); Mr. J. O. Braithwaite; Mr. Norman Evers; Mr. H. B. Mackie (Brighton); Mr. W. P. Want (editor of "The British and Colonial Pharmacist"); Mr. F. C. Goodall ("British Trade Review"); representatives of "The Pharmaceutical Journal" and of THE CHEMIST AND DRUGGIST. Mr. Richard Bremridge, who had been associated with Mr. White for a long period at Bloomsbury Square as secretary of the Society, was prevented by illness from attending.

**BOLTON.**—At his residence, 103 Hoppers Road, Winchmore Hill, London, N.13, on November 2, Mr. Joseph Hook Percival Bolton, chemist and druggist, aged fifty-one. Mr. Bolton carried on a successful business at The Green, Winchmore Hill, for several years, and was highly esteemed in the district. He was a son of Mr. J. H. Bolton, retired chemist and druggist, Chase Side, Old Southgate. He took a keen interest in pharmaceutical affairs, and was a member of the Pharmaceutical Committee for Middlesex and the North London Pharmaceutical Association. Mr. Bolton leaves a widow and two sons. The funeral took place on November 6. Prior to the interment at Old Southgate Cemetery, a service was held in the Congregational Church, Winchmore Hill, conducted by the Rev. Percy Martin, at which there was a large attendance. In addition to the family mourners and a large number of local residents there were present many representatives of pharmacy, including Mr. Herbert Skinner (president of the Pharmaceutical Society), Mr. Thomas Marns (member of the Society's Council), Mr. G. A. Mallinson (secretary of the Retail Pharmacists' Union), Mr. H. Wolff (secretary of the Middlesex Pharmaceutical Committee), Mr. R. H. L. Watson (president of the North London Pharmaceutical Association), Mr. D. Anderson (vice-president of the Association), Messrs. J. Hearle, J. Downing, J. T. Walters, F. Cooper, G. B. Daniels, H. T. Parker, E. A. Barton, G. F. Weiss, C. W. Andrew, Wallis Jones, and C. A. McDonnell. There were many floral tributes, among which were wreaths from the chemists of Winchmore Hill, Palmers Green and Southgate, the Middlesex Pharmaceutical Committee, the North London Pharmaceutical Association and Branch of the Pharmaceutical Society, the Southgate Chamber of Commerce, Mr. and Mrs. G. Daniels, Mr. and Mrs. A. F. Porter (S. Maw, Son & Sons, Ltd.), Mr. and Mrs. E. A. Martin, Mr. and Mrs. G. A. Mallinson, Mr. and Mrs. G. B. Daniels, Mr. Wallis Jones, Mr. and Mrs. G. A. Tocher.

**BRAUN.**—At his residence, 14 Westbourne Road, Forest Hill, London, S.E.23, on November 2, Mr. Henry Charles Braun, of H. W. Braun, chemical and drug merchant, 16 Water Lane, Great Tower Street, E.C.3, aged fifty-three. The interment took place on November 7 at Ladywell Cemetery.

**PHILLIPS.**—At his residence, Ashleigh, Mottram Road, Stalybridge, on October 25, Mr. John James Phillips, J.P., chemist and druggist, aged seventy-five. Mr. Phillips was in business for a long period in Stockport Road, Ryecroft, and Katherine Street, Ashton-under-Lyne. He served for seventeen years on the Ashton Town Council, on which he was elected an alderman.

**STAMBOIS.**—In a nursing home at Nice, on November 2, Mr. Louis J. Stambois, of the Safety Razor Service, Charterhouse Buildings, London, E.C.1, aged thirty-seven. Mr. Stambois was taken ill while on a continental business trip. Well known in Masonic circles, Mr. Stambois was also a member of the National Liberal Club and the London Chamber of Commerce. The funeral will take place in Leeds during the coming week-end.

## Personalities

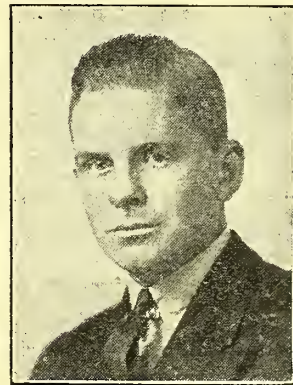
MR. F. J. HANBURY, Ph.C., chairman of Allen & Hanburys, Ltd., was the winner of the Schröder cup (the highest award for orchid-growing) at the fortnightly meeting of the Royal Horticultural Society in London on October 30.

MR. P. D. GOODWIN, chemist and druggist, has been appointed manager of the pharmacy of John Bell & Croyden, Ltd., Wigmore Street, London, W.1. Mr. Goodwin first joined the staff of Messrs. Bell & Croyden in 1911. He left them during the European war in order to serve in the Royal Air Force Brigade. Mr. Goodwin is the holder of the Royal Humane Society's certificate, which he gained in 1916. [Corrected notice.]

ALDERMAN J. W. WALKER, J.P., Ph.C., Maidenhead, has been accorded the freedom of the borough. Mr. Walker, who retired some years ago, has always taken an active part in local affairs. He has been a member of the Town Council since 1903, an alderman since 1925, and filled the office of Mayor in 1905. He is also a member of the Berkshire County Council and the Maidenhead Board of Guardians. For some years he was a member of the volunteer Fire Brigade, and in the Wesleyan Church he has held practically every lay office.

MR. E. A. BAILEY, chemist and druggist, Boston, who has accepted the mayoralty for the ensuing year, served his apprenticeship with the late Mr. Frank Thomas, chemist and druggist, Boston, and qualified in 1897. Some years ago he took over the business of Pilley & Son, which he has since considerably extended. For a number of years he was president of the Holland Pharmacists' Association; he is also chairman of the local Pharmaceutical Committee. Mr. Bailey has been a member of the Town Council for nine years, and is chairman of its Public Health Committee.

MR. GEORGE STEPHEN WOOLLEY, son of the late Mr. Edward James Woolley, Ph.C., has been appointed a director of James Woolley, Sons & Co., Ltd., manufacturing chemists, Victoria Bridge, Manchester. Mr. Woolley was educated at Oundle School and Manchester University. He is a keen racing motorist, and has gained prizes at Brooklands and elsewhere. The history of this well-known house was fully outlined in THE CHEMIST & DRUGGIST last year (*C. & D.*, 1927, I, 73); but it may be recalled that Mr. James Woolley, great-grandfather of the new director, established himself in a shop in King Street, Manchester, in 1833, and eleven years later acquired a business founded in Market Street in 1796. Since that date there has always been a member of the family at the head of affairs, and the present chairman of the company is Mrs. Woolley, mother of Mr. G. S. Woolley.



MR. G. S. WOOLLEY

MR. J. G. WALLBRIDGE, chemist and druggist, who, as announced in last week's issue of the *C. & D.*, has been chosen as the next president of the Liverpool Chemists' Association, served his apprenticeship to Mr. J. C. Caley in that city. He gained further experience with Mr. J. Jones, Walton, with Mr. D. Vaughan, Oswestry, and afterwards in Wigan and Stalybridge. He first commenced business on his own account in 1891, in St. Helens, but in 1909 he took over his present business in Kensington, Liverpool. On two occasions Mr. Wallbridge was a prize-winner in the *C. & D.* Corner for Students. He has also passed the Apothecaries' Assistants' examination, the Spectacle Makers' examination, and the Fellowship examination of the British Optical Association.



## Trade Notes

ONZO OINTMENT can be obtained from Onzo, Ltd., 183 St. Vincent Street, Glasgow.

AVOCIN.—The Avocin Syndicate, 36 Kennington Road, London, S.E.1, have placed on the market a 1s. 3d. size of their catarrh specific.

BONCILLA CREAMS.—J. C. Gambles & Co., Ltd., 211-15 Blackfriars Road, London, S.E.1, advertise Boncilla cold and vanishing creams in this issue.

EVANS SONS LESCHER & WEBB, LTD., 56 Hanover Street, Liverpool, and 50 Bartholomew Close, London, E.C.1, have issued a new price list of druggists' sundries.

VITAMIN MALT.—Burgoyne, Burbidges & Co., Ltd., East Ham, London, E.6, supply under the name of Exvitis a vitamin malt which contains vitamins A, B, C and D.

MOTOR TYRES.—Ondura Tyre Works, Bradford Road, Keighley, who specialise in the retreading of motor tyres, invite *C. & D.* subscribers to write for particulars.

DARTING LANOLINE.—Chemists who have not received three free tubes of Darting lanoline during the past few days should communicate with Berners Proprietaries, Ltd., 33 Berners Street, London, W.1.

AMALGAMATED LABORATORIES, LTD., Staple Inn Buildings, 335 High Holborn, London, W.C.1, elsewhere in this issue call particular attention to their nerve food, a product composed of sodium glycerophosphate and soluble casein.

CHRISTMAS WINDOW DRESSING.—J. C. King, Ltd., 42-60 Goswell Road, London, E.C.1, have prepared an illustrated Christmas list (No. 774) of window-dressing specialities and advertising novelties, a copy of which may be obtained on application.

BLACKALLER & PLEASANCE, 5 St. Georges Road, London, S.E.1, who are the sole importers of the original Johann Maria Farina eau de Cologne, have again prepared a list of their special gift packings suitable for Christmas trade. A copy of the list may be obtained on request.

KEATING'S LOZENGES.—Thomas Keating, Ltd., Station Mills, Billingshurst, Sussex, will send particulars regarding their special display terms on receipt of a post card request. The lozenges, which are to be extensively advertised during the winter months, are protected under the scheme of the Proprietary Articles Trade Association.

"SUGGESTIONS FOR SEASONABLE GIFTS" is the title of a newly-produced counter brochure prepared by Francis Newbery & Sons, Ltd., druggists' sundriesmen, 27-28 Charterhouse Square, London, E.C.1. As the price list is separate from the brochure the latter can be handed to the customer, who is thus free to choose from a wide range of articles.

INJECTION TREATMENT OF VARICOSE VEINS.—For the treatment of varicose veins by injection Burroughs Wellcome & Co., London, E.C.1, are issuing hypoloid quinine and urethane. This solution consists of quinine hydrochloride 0.26 gm. and urethane 0.13 gm. in 2 c.c. of sterile distilled water. It is supplied (in boxes of five) in hermetically sealed glass containers ready for immediate use.

CHRISTMAS TRADE.—May, Roberts & Co., Ltd., druggists' sundriesmen, 7-13 Clerkenwell Road, London, E.C.1, have prepared a special list of articles particularly suitable for sale by chemists during the coming weeks. The list is profusely illustrated and covers a wide range of goods. Chemists who do not receive a copy in the course of a few days should send a post card request for one.

"INGRAM'S RUBBER NOTES."—J. G. Ingram & Son, Ltd., Hackney Wick, London, E.9, have sent us a copy of No. 1 of a house-organ which they propose to issue from time to time under the above title. According to the editorial notes, the aim is to get into closer touch with pharmaceutical friends in the wholesale and retail. Among the interesting articles appearing in the current issue is a suggestion for displaying hot water bottles, a legal matter, and "The Romance of Rubber." *C. & D.* subscribers who have not already received a copy can obtain one on application.

GENATOSAN, LTD., manufacturing chemists, Loughborough, have sent us a copy of a brochure they have published on local immunity vaccine products. Local immunisation now plays so important a rôle in treatment that chemists will find the brochure (which will be forwarded on request) both interesting and useful. Among the products referred to is the new detoxicated vaccine (Genovax) for the local treatment of pyorrhœa.

MAGNESIUM.—Johnson & Sons, Manufacturing Chemists, Ltd., Hendon Way, Hendon, London, N.W.4, have been appointed the sole selling agents for home and abroad for the magnesium ribbon and wire manufactured by the British Maxium, Ltd., Point Pleasant, Wandsworth, London, S.W. The ribbon and wire is of a high and uniform quality, so that it is particularly suitable for photographic, laboratory and illuminating purposes.

A CAP-TRIMMING MACHINE.—A. de St. Dalmas & Co., Ltd., Leicester, have sent us particulars of an interesting apparatus of which they are the patentees, namely, the Dalmas-Lee cap-trimming machine. This has been designed to overcome the awkward process of trimming dried viscose bottle caps. The trimmer can be adjusted to various sized necks and trims to any level required. The machine, which measures 24 in. in height and 15 in. by 12 in. at the base, appears simple to operate, while the company undertake the sharpening of the cutters or extra ones can be supplied.

## Trade-mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary," 1928, p. 329.

(From "The Trade-marks Journal," October 17, 1928.)

"BACCHANALE"; for perfumery, etc. (48). By Viville-Yardley, 28 Rue Madiraa, Becon-les-Bruyères, France. 494,890.

"SIRIUS"; for perfumery, etc. (48). By Calder Soap Co., Ltd., Valley Road, Liversedge, Yorkshire. 495,109.

(From "The Trade-marks Journal," October 24, 1928.)

"TANNECO"; for chemicals (1). By J. R. Geigy Société Anonyme, 51 & 57 Riehenring, Basle, Switzerland. 490,286. (Associated.)

"ART-EMO"; for all goods (1). By A. Smith, 38 Ashdale Road, Mossley Hill, Liverpool. 494,430.

"ATOMLITE"; for chemicals (1). By J. Vielle, 35 Cator Road, Sydenham, S.E.26. 495,333.

"HAGEDA"; for medicinal chemicals (3). By Hageda, Handelsgesellschaft Deutscher Apotheker A.G., Dortmundstrasse 12, Berlin, N.W.21. 494,763.

"J. R. KIRK" facsimile signature; for medicine (3). By E. Buckley, 257 Hunslet Road, Leeds. 492,811.

"ABORTOSCOPE"; for chemical and bacteriological test appliances (3). By L. E. W. Bevan, The Veterinary Research Station, Salisbury, Southern Rhodesia, S.A. 493,122.

"POSOGRAPH"; for photographic cameras (8). By W. H. Broughton, 28 Buckingham Gate, London, S.W.1. 493,284.

"MICROCHORD"; for appliances for the aid of deaf persons (11). By The Deaf Appliance Co. (1928), Ltd., 6 Baker Street, London, W.1. 492,431.

"EUSTACE MILES" in block letters under facsimile signature; for all goods (42). By E. H. Miles, 10 Ridgmount Gardens, London, W.C.1. 494,583.

## Information Department

### INFORMATION WANTED

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated

E/611. Adrenofer	C/611. Marshall's silver bay rum
A/3111. Amidoglycosan	S/511. Mercury safety razor blades
S/311. Antimal (for obesity)	E/511. Pearlshine
E/511. Reglex foot salts	H/3111. Pettigrew's visiting cards (in leather case)
C/11. Dr. Steinbeck's Diet	B/511. Senocaine ampoules
C/611. Dr. West's tooth brushes	
E/511. Gombault's caustic balsam	
E/511. Ilon abscess salve	



## Observations and Reflections

By Xrayser III

### Christmas Displays

seem to be becoming increasingly popular as a means of attracting customers to chemists' shops; and the numerous practical ideas conveyed in the special article published by you last week (p. 545) ought to be found distinctly helpful by those who have not previously gone in for this sort of thing, or who have not in the past benefited to the extent they hoped by the displays they made. I liked the suggestion that the decorations should not be overdone, and the reminder that it is the displayed goods that are to be sold. After all, the main idea underlying special window displays is to attract attention to the windows, with the all-important object of interesting potential customers in particular goods which it is desired to sell. The most wonderfully decorated window conceivable would not be likely to increase the day's takings much if the decorations were the be-all and end-all of the display. They should most decidedly be regarded as purely incidental features, from which attention should glide away to articles likely to tempt those who see them to enter the shop on business intent. Your contributor, by the way, ends up on the note that it is imperative the professional atmosphere shall be apparent, in chemists' window displays, whatever the season. The idea of this appeals to me, the more particularly because I never allow myself to forget that so much of our business is conducted with the object of enabling us to provide a constant dispensing service for the British public. Such a service cannot be provided by most of us unless other sources of profit and income are available, but we can, at least, take a special pride in making it clear that we are professional men first and foremost.

### A Happy Issue

out of the difficulties which have hampered progress with the arrangements for the suggested Glyn-Jones Memorial seems to present itself (*C. & D.*, November 3, p. 546), but it is going to be none too easy to collect the sum of £10,000 for the purposes of the Memorial Fund. It is generally understood that less than one thousand pounds has been subscribed so far, and it is to be remembered that what is already in hand was the outcome of the first flush of enthusiasm. Possibly some of those who originally subscribed small amounts whilst uncertainty prevailed regarding the nature of the proposed memorial will now be prepared to send supplementary subscriptions on a larger scale, but I should imagine it will depend upon the receipt of large sums from manufacturers and wholesale dealers to swell the fund to the desired extent. This, after all, is how it should be, because manufacturers and wholesalers have benefited much more from what Glyn-Jones did than have chemists and druggists engaged in retail business.

### Sixpenny Articles

are appealing to many in our ranks as profit-bringers, just as I prophesied would be the case, and it is instructive to read the letters on the subject in your correspondence columns. It is quite right that chemists and druggists should do their utmost to prevent business in sixpenny lines which they have been accustomed to sell from going elsewhere, and I see no particular reason why some should not have window displays of sixpenny articles. But the proper line of both defence and attack is to take care that the sixpenny lines we offer are at least as good value as those offered by cheap-jack stores, and preferably better value. The worst possible idea to entertain is that of cutting prices and offering pseudo-sixpenny lines at fivepence-halfpenny. As one of your correspondents points out, the big concern can beat us every time when it comes to the cutting of prices, and serious attempts by chemists to attract business by the offer of nominally sixpenny articles at a halfpenny less would inevitably result, sooner or later, in the introduction of still lower-priced lines by their big competitors. It is both bad form and bad policy for chemists to indulge in price-cutting, a sign of weakness in salesmanship, and a thing to be discouraged.

### "A Very Great Man,"

was the eulogy which Dr. Johnson pronounced on Oliver Goldsmith, whose birth took place on November 10 two hundred years ago. The practice of physic and that of literature frequently find points of contact whereby interest is quickened in both. Goldsmith has provided matter for discussion in respect of the medical qualifications he is said to have possessed before the *ad eundem* degree of M.D. was conferred upon him by Oxford University. Most authorities are inclined to believe that he was not justified in his assumption of any degree before that time. There are others, like Dr. Norman Moore, who regard him "as an upright man, and a benefactor of literature and mankind," and "continue to believe in his veracity." In any case, it is as well that we should adopt Johnson's behest to "let not his frailties be remembered." This injunction is, of course, appropriate to his demise, which took place in circumstances set forth in considerable detail in Forster's "Life and Times of Oliver Goldsmith."

### The Story

of Goldsmith's last hours has been related again recently (1914) by Dr. Raymond Crawford, but the narrative as given by Forster was founded largely upon a pamphlet written by a surgeon-apothecary, William Hawes, of the Strand, whom Goldsmith had been in the habit of consulting, and who was sent for when the poet was stricken with what he himself considered to be a fever. Two years previously, that is in 1772, he had suffered from some of the consequences of his early indiscretions, of which the chief symptom then was strangury. On that occasion he had obtained relief by the use of the famous Dr. James's powders; and now he was so satisfied as to the possibilities of their giving him relief that when Hawes was called to his bedside his mind was made up that James's powders were the correct medicine. Hawes pointed out that his ailment was of a nervous character and was not febrile, and tried to dissuade his patient from the use of the antimonial remedy, which would certainly aggravate the trouble, particularly the vomiting. Hawes did not succeed in his efforts, but yielded to Goldsmith's importunities to the extent of sending some of the powders, which Goldsmith obstinately took in spite of the warnings of Hawes and of another of his friends, Dr. Fordyce, whom Hawes had induced Goldsmith to see also. The result of the perversity of Goldsmith was that the powders fulfilled the fears of Hawes, for whom there was nothing but execration because Goldsmith charged him with sending the wrong article. Hawes was dismissed and another apothecary was called in; but he declined to take the place of Hawes, who seems to have continued his services until the poet's death.

### That Hawes

in the circumstances, should have been suspected by the sick man of having sent the wrong powders was perhaps not unnatural. There was, however, no good and sufficient reason for any other person to suspect that the apothecary, as he then was, had substituted some preparation of his own for that asked for by Goldsmith, who, by the by, was a friend of James and of Newbery, the purveyor of the powders. The whole of Hawes's character and career provide an emphatic refutation of the very idea of his taking part in such an unworthy transaction. Hawes became one of the most noteworthy philanthropists of the eighteenth century. He was the founder of the Royal Humane Society, which came into existence the year of Goldsmith's death (1774). For a year Hawes had been proving the practicability of the resuscitation of drowned persons by giving a reward of fifteen guineas for each person rescued from the Thames between Westminster and London bridges if delivered to him within a specified time. The other benefactions of Hawes on behalf of the London hospitals with which he was associated, and his other good works, lead us to believe that it was true of him, as stated in the *Gentleman's Magazine* at his death, in 1808:—"His heart overflowed with the milk of human kindness; he was totally without guile; and self never entered into his contemplation."



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## Editorial Articles

### The Landlord and Tenant Act, 1927

THIS Act, which came into force on March 25, 1928, has altered the law of landlord and tenant in some important respects, the general intention of the Act being to favour the tenant. The chief changes made are those which provide that the tenant of trade or business premises shall, on the termination of his tenancy, be secured the value of improvements carried out by him or goodwill created by him during the tenancy he is quitting. The right to claim for improvements applies to all premises, other than farms or mining properties, which are used wholly or partly for the carrying on of a trade or business or for the carrying on of a profession regularly. Where premises are only partly used for a trade or business, improvements can only be claimed for in so far as they relate to the trade or business part. To enable any claim to be made the improvement must (1) be made after March 25, 1928; (2) not be a trade or fixture which the tenant is by law entitled to remove; and (3) be such as at the termination of the tenancy adds to the letting value of the holding. The Act does not define what is an improvement; and as to the value, it merely lays down that the sum to be awarded the tenant is not to exceed either the net addition to the value of the holding



which is directly due to the improvement or the reasonable cost of carrying out the improvement at the end of the tenancy. Further, if the improvement was one which the tenant was under a statutory or other obligation to make it cannot be claimed for, and if the landlord had contributed to the cost of the improvement, this is to be allowed for in the claim. Before making any improvement on which a claim can be founded the tenant is required to serve notice of his intention on his landlord with a specification and plan showing what it is proposed to do and what part of the premises will be affected. The landlord may then, within three months, send a notice of objection or offer to do the work himself in consideration of a reasonable increase in rent. In such case the tenant can apply to the County Court and obtain a certificate allowing the improvement to be carried out provided: (a) It is of such a kind as to be likely to add to the letting value of the holding; (b) it is reasonable and suitable to the character of the holding; and (c) it will not diminish the value of any other property belonging to the same landlord or to any superior landlord of the landlord. There is in the Act a general prohibition against the carrying out of an improvement in contravention of a restriction imposed for naval, military or air force purposes, or under the powers of the Air Navigation Act, 1920, or for securing the rights of the public over the shore or bed of the sea. The Act also confers upon the tenant of trade or business premises a right to compensation for the goodwill which has become attached to the premises by reason that he or his predecessors have carried on the trade or business for a period of at least five years. As in the case of an improvement, the sum the tenant is entitled to is not to exceed the addition to the value of the holding at the end of the tenancy directly due to the carrying on of the trade or business there. And this may be reduced or even wiped out altogether if the premises are to be demolished or to be turned to a use other than that in connection with which the goodwill arose. This applies also if the tenant, on leaving, intends to carry on the business elsewhere; and the landlord is entitled to have credit given him for any value due to the situation of the premises or for any portion of the goodwill attributable to restrictions imposed by him on the carrying on in the neighbourhood of a competitive trade or business. The compensation due to a tenant for goodwill may not only be in the form of a sum of money, it may take the form of a fresh lease granted by or obtained by the landlord who has the option of offering this when the tenant's claim has been served upon him. And the tenant may also in some cases require a new lease to be granted to him in lieu of money where he can show that money would not adequately compensate him. A landlord might then also offer alternative accommodation and is allowed to refuse altogether if he can prove that he wants the premises for occupation by himself or a son or daughter, or wants to pull down the premises in pursuance of some scheme of development. And in no circumstances can a tenant claim compensation for goodwill where he has himself given notice to determine the tenancy, or where he has failed to use an option to obtain a further lease unless the conditions of the option are unreasonable. Contracting out of the Act is forbidden. In the case of all claims, whether in respect of improvements or goodwill, the tenant is required to send in his claim to the landlord or his agent (a) where the tenancy is one terminated by notice within one month after the notice terminating it was served; and (b) in the case of any other tenancy not more than thirty-six and not less than twelve months before its termination. Disputes arising between landlord and tenant under the Act are in general referred by the judge of the local county court to one of a panel of skilled arbitrators.

### Linseed and the Oil-Product

MARKET conditions in linseed and linseed oil within the last few months have been largely dominated by calculations as to prospective seed resources over the remainder of the season and by the crop forecasts chiefly from the River Plate. When dealing with the position of linseed oil in our issue of June 16 (pp. 753-4), the sowings for the new Argentine crop were already referred to as having been distinctly favoured by good weather, and the opinion was expressed that there was not much room for any important advance in prices unless something untoward happened to future crops. The London spot price of linseed oil at that period was around £30 10s. per ton naked ex mill, and fluctuated over the summer period down to about £28 under a dull and disappointing trade demand in the face of ample seed supplies coming forward. Since then, however, there has been an intermittent movement towards recuperation. The main reason for this has been the fear which has been gaining ground as to a certain shortage of seed being experienced before the new River Plate crop is available over the end of the year. The spot value lately appreciated to over £30, or to within about £2 a ton of the highest level attained in the spring period, which quotation compares with £28 at last year's close. The recent improvement has been fairly well maintained, although the market has been more inclined to fluctuate on speculative resales in the absence of any important support for forward contracts, and terms covering near months and January-April shipment have remained at a discount of about £1 per ton. This would indicate the conservative and cautious feeling which prevails as to the future course of the market regardless of the possibility of temporary shortage in seed. Evidently there is a suspicion that fears to this effect may prove eventually to have been exaggerated, and that estimates of the unshipped surplus in the River Plate as published lately by the Ministry of Agriculture at 259,000 tons have been underrated. This amount compares with 156,000 tons a year ago, which tonnage, however, was very materially overlapped by the shipments which were recorded over the balance of the year. The shortage spoken of, which thus represents approximately 100,000 tons, does not necessarily mean that there is much to be apprehended in the way of actual scarcity. Meanwhile there is a very liberal supply of seed afloat totalling approximately 210,000 tons, fairly equally divided between Continental and home ports; and there is not the least indication so far of any stringency developing in spot and near-at-hand supplies, terms for which lately ranged from about £15 15s. to £16 per ton for Argentine seed, while Calcutta seed has been to all intents and purposes nominal at £18 10s. This figure is considerably above buyers' views, while showing an unduly wide premium compared with the former description. Over the late summer offers of both Indian and Argentine seed were pressed on the market, with the latter fluctuating in the neighbourhood of £15, while contracts for the next crop were then already arranged at below that figure, and its current value is at a discount of about 10s. a ton against the current crop. At the present relatively high prices ruling, there has been less disposition by home crushers to cover their needs, partly in view of the fact that the total quantities afloat to Europe are exceptionally large for the time of year. This is naturally a subduing factor, and in recent weeks quite heavy purchases were effected on Continental account, particularly for Holland. This buying movement was in some degree encouraged by the more bullish reports about the Transatlantic trade and the freer purchases made from that quarter from the River Plate partly on account of the reduced acreage for the American and Canadian crops this season. According to the official Argentine estimates, there has been an



increase of about 220,000 acres in the areas under cultivation for the next crop, and it is possible that, given normal weather conditions before the harvest, the yield may reach 2½ million tons, which would, therefore, give an excess of about 232,000 tons, compared with the actual out-turn of this season's crop. The prospect of another bumper and "record" crop has obviously imbued linseed-oil consumers with the idea that there should be room for some cheapening of the product in the coming year, although meantime a little uncertainty will probably continue to be felt as to developments in the linseed market until crop prospects in the River Plate are fairly well assured. The returns given below indicate details of our linseed imports for September and the nine months:—

U.K. Imports (Tons)	Sept., 1927	Sept., 1928	Jan.-Sept., 1927	Jan.-Sept., 1928
From Russia...	Nil.	Nil.	8,130	200
From the River Plate ..	33,873	27,698	235,964	240,305
From British India ..	3,884	2,954	38,420	28,659
From other countries ..	512	1,427	8,422	14,924
Total ..	38,269	32,079	290,936	284,088

While the receipts from the Argentine for September were on a liberal scale, making an aggregate for the nine months of over 240,000 tons, the fact has to be noted that the total from all sources at 284,088 tons shows a decrease of about 6,900 tons compared with the same period last year, this being partly due to the disappointing supply from India, which is nearly 10,000 tons short of last year, although this has been made up to some extent by increased supplies from other countries. Our imports of linseed oil for the nine months at 16,738 tons, against 13,722 tons for the same period of 1927, fully reflects the continuation of keen Dutch competition, but there has been an improvement in the exports of home-made oil of about 2,300 tons on the nine months, the total being 16,722 tons, which differs only slightly from the quantities imported

### Ordering Goods

SEEING with what ease errors may be made in making out orders for goods, it is, perhaps, surprising that buyers do not more frequently find themselves the possessors of larger quantities of goods than they intended. No doubt the explanation is that there is an element of give and take in most business transactions and, happily, few firms are prepared to take advantage of another's mistake. Certainly, when ordering goods, traders should exercise considerable caution in stating the quantity, quality and price—particularly when doing business with a firm for the first time. It is always advisable for the trader to make out the order himself on his own order form and to preserve a duplicate of the order. A case in point came before the Cookstown Quarter Sessions not long ago (*C. & D.*, October 13, p. 452). A traveller for a firm of manufacturers in England called upon a Cookstown chemist and secured an order for corn-cures. The chemist intended to place a trial order for seven and a-half dozen of the goods, and is convinced that he did so. The traveller, on the other hand, was positive that the order was for seven and a-half gross, and in support of his argument was able to produce an order for that quantity bearing the signature of the chemist. The chemist emphatically denied having written out the order for gross quantities of the goods; but the judge decided against him, and he had to accept and pay for nearly a thousand more of the corn-cures than he really wanted. There should, we imagine, be few corns in Cookstown for many a long day. This week we have heard from another chemist in Ireland who has been called upon to pay for a considerably larger supply of the same goods than he

intended to order in circumstances that closely resembled those in the other case, although we do not know whether the manufacturers were the same, as our correspondent did not mention the name. In this instance, it appears, the chemist signed an order that was written out by the traveller in his notebook—a particularly unsatisfactory way of ordering goods. In neither of the cases mentioned, nor in any of the many similar cases that have come to our notice, from time to time, could any dispute as to the quantity of goods ordered have arisen had the chemist made out the order carefully himself and preserved a duplicate of it.

### Fits and Misfits

DURING the past few days the lay Press has been indulging in an orgy of quotation, from publicists of varying degrees of eminence, on the topic of frequency of prescribing under the National Health Insurance scheme. Miss Ellen Wilkinson, a lady of whom we seem to have heard before, compassed the wide circulation of a letter in which she made pointed comment on the British Medical Association list of 175 preparations which "would not be regarded as medicines for the purposes . . ." and so forth. A panel doctor replied in the "Glasgow Herald" to the effect that it is not the duty of panel practitioners to prescribe foodstuffs. Several newspapers launched a quartet consisting of the president of the Pharmaceutical Society, the secretary of the Retail Pharmacists' Union, the secretary of the Joint-Committee of Approved Societies, and "a well-known London doctor." The well-known but anonymous medical man, while admitting that doctors and chemists were in a dilemma, desired for his panel colleagues fewer patients and better pay. The secretary of the Joint Committee of Approved Societies "expected" that many thousands of pounds of public money were being wasted by unnecessary prescriptions. Mr. Mallinson touched more solid ground with "the startling fact . . . that every English patient seems to require twice as much medicine as any insured person in Scotland." Mr. Skinner, with his customary care in presenting facts, said: "The cost of drugs in every hospital is now double the amount before the war. People are taking more drugs. I think there is a little lack of thought in some quarters in prescribing medicines for panel patients." And the Manchester "Evening Chronicle" fathered still another quartet—Mr. T. Miller, secretary of Manchester and Salford Branch of the Pharmaceutical Society, who pointed out that there had not been, locally, "any alarming increase in the number of prescriptions"; an "official of the Veno Drug Co.," whose views were substantially in agreement with Mr. Miller's; "the director of another large firm of manufacturing chemists," who did not agree that "the people were demanding more and more drugs"; and "a representative of a leading national firm of chemists," who during the past two or three years "had noticed a big increase" in Insurance dispensing. We trust it is not invidious to suggest that not all of these opinions are of equal weight, and that the columns of daily newspapers are not the natural habitat of a subject which is primarily a matter for experts.

NOTE FUSION.—A "London Gazette" notice fixes November 22 as the appointed day on which the fusion of Treasury notes with the Bank of England issue becomes operative.

THE WHISPERING CHAUFFEUR.—The "Leicester Mail" has a droll story of a chauffeur-gardener who was sent to fetch some straw for his Airedale. The man, who speaks very quietly, took the dog with him and called at a chemist's shop "Straw for the dog," he said in his usual whisper. Unfortunately, the assistant thought he said "Destroy the dog," and gave the Airedale poison in the back garden. The chauffeur held the dog while this was done; but when the chemist remarked, "He'll soon be gone now," it was realised that a mistake had been made. "I thought you were giving him something to quiet him while you got the straw," the chauffeur explained. The chemist, summoning his assistant, gave the dog emetics and antidotes, and after two hours his efforts were rewarded by recovery.



# Dangerous Drugs Regulations, 1928

## Dangerous Drugs Acts, 1920-1925

(From "The London Gazette," November 2, 1928.)

NOTICE is hereby given under the Rules Publication Act, 1893, that the Secretary of State for the Home Department proposes, after the expiration of forty days from this date, to make Regulations under Section 7 of the Dangerous Drugs Act, 1920 (10 and 11 Geo. 5, cap. 46), controlling the manufacture, sale, possession and distribution of the drugs to which Part III of that Act applies.

The principal objects of the Regulations are:—

(1) To consolidate into one code the provisions of the seven separate sets of regulations at present in force.

(2) To apply the provisions of the existing Regulations to the drugs and preparations which have recently been brought under Part III of the Act of 1920, viz., extract and tincture of Indian hemp, dihydro-oxycodine, dihydrocodeinone, and preparations containing them, and preparations containing less than one-tenth per cent. of diacetylmorphine.

Provision is also made for the constitution of a Tribunal (similar to that which has already been constituted for medical practitioners in accordance with the recommendations of the Departmental Committee on Morphine and Heroin addiction) to which the Secretary of State may refer any case where there is reason to think that a dentist may be contravening the provisions of the Regulations with respect to the supply, administration or prescribing of dangerous drugs.

Draft copies of the said Regulations may be obtained on application to the Under-Secretary of State, Home Office, Whitehall, London, S.W.1.

The following is the text of the Draft Regulations:—

REGULATIONS, DATED \_\_\_\_\_, 1928, MADE BY THE SECRETARY OF STATE UNDER SECTION SEVEN OF THE DANGEROUS DRUGS ACT, 1920 (10 & 11 GEO. 5. c. 46), FOR CONTROLLING THE MANUFACTURE, SALE, POSSESSION AND DISTRIBUTION OF DANGEROUS DRUGS TO WHICH PART III OF THAT ACT APPLIES.

In pursuance of section seven of the Dangerous Drugs Act, 1920, I hereby make the following Regulations:—

1. A person shall not manufacture, or carry on any process in the manufacture of, a drug—

(a) unless he is duly authorised so to do;

(b) except on authorised premises;

(c) otherwise than in accordance with the terms and conditions of his authority.

2. Subject as hereinafter provided, a person shall not supply or procure, or offer to supply or procure, to or for any person (including himself), and whether in Great Britain or elsewhere, or advertise for sale, a drug or preparation—

(a) unless he is duly authorised so to do;

(b) otherwise than in accordance with the terms and conditions of his authority;

(c) if the drug or preparation is to be supplied to or procured for a person in the United Kingdom, unless that person is authorised to be in possession of the drug or preparation, or to or for a person so authorised otherwise than in accordance with the terms and conditions of that person's authority;

Provided that for the purpose of paragraph (c) of this Regulation the administration of a drug or preparation by, or under the direct personal supervision and in the presence of, a duly qualified medical practitioner, or by, or under the direct personal supervision and in the presence of, a registered dentist in the course of dental treatment, shall not be deemed to be the supplying of a drug or preparation.

3.—(1) A person shall not be in possession of a drug or preparation unless he is duly so authorised.

(2) For the purposes of these Regulations—

(a) a person to whom a drug or preparation is lawfully supplied on a prescription lawfully given by a duly qual-

fied medical practitioner, a registered dentist or a registered veterinary surgeon, or to whom a drug or preparation is lawfully supplied by a duly qualified medical practitioner or a registered veterinary surgeon who dispenses his own medicines, shall be deemed to be a person authorised to be in possession of the drug or preparation so supplied;

Provided that if a drug or preparation is supplied by, or on a prescription given by, a medical practitioner, to a person who was at that time in the course of receiving treatment, whether in respect of addiction or otherwise, from and being supplied with a drug or preparation by, or on a prescription given by, another medical practitioner, that person shall not for the purposes of these Regulations be deemed to be a person authorised to be in possession of the drug or preparation supplied by, or on the prescription given by the first-mentioned medical practitioner if he did not, before the supply thereof to him, disclose to the first-mentioned practitioner the fact that he was being so treated and supplied by, or on a prescription given by, that other medical practitioner:

(b) a person shall be deemed to be in possession of a drug or preparation if it is in his actual custody or is held by any other person subject to his control or for him or on his behalf.

4.—(1) Where a drug or preparation is to be lawfully supplied to any person (hereinafter referred to as "the recipient") otherwise than by, or on a prescription given by, a duly qualified medical practitioner, the person supplying the drug or preparation (hereinafter referred to as "the supplier") shall not deliver it to a person who purports to be sent by or on behalf of the recipient, unless that person either—

(a) is a person authorised under these Regulations to be in possession of that drug or preparation; or

(b) produces to the supplier a statement in writing signed by the recipient to the effect that he is authorised by the recipient to receive the drug or preparation in question on behalf of the recipient and the supplier is satisfied that the document is a genuine document.

(2) A person to whom a drug or preparation is lawfully delivered in the circumstances mentioned in paragraph (1) (b) of this Regulation shall be deemed to be a person authorised to be in possession thereof, but for such period only as in the circumstances of the case is reasonably sufficient to enable the delivery to the recipient to be effected.

5.—(1) Persons who are members of the following classes, that is to say—

(a) duly qualified medical practitioners;

(b) registered dentists;

(c) registered veterinary surgeons;

(d) pharmacists who are employed or engaged in dispensing medicines at a public hospital or other public institution;

(e) persons who are in charge of a laboratory used for purposes of research or instruction and attached to an institution approved for the purpose of this Regulation by the Secretary of State;

(f) persons duly appointed by a local authority as analysts for the purposes of the Sale of Food and Drugs Acts, 1875 to 1907:

are hereby authorised, so far as may be necessary for the practice or exercise of their respective professions or employments, in their capacity as members of the respective classes, to be in possession of and to supply drugs or preparations:

Provided that a dentist shall not be authorised to supply drugs or preparations otherwise than by the personal administration thereof by him to persons receiving treatment from him.

(2) In this Regulation the expression "institution" means a university, university college, public hospital, or other like institution.



6.—(1) Persons keeping open shop for the retailing of poisons are hereby authorised—

(a) to manufacture at the shop in the ordinary course of their retail business (i) any extract or tincture of Indian hemp; (ii) any preparation; and

(t) subject to the provisions of these Regulations, to carry on at the shop the business of retailing, dispensing or compounding drugs or preparations.

(2) Every drug or preparation in the actual custody of a person authorised by virtue of this Regulation shall be kept in a locked receptacle which can be opened only by him or by some assistant of his being a pharmacist.

7.—(1) If any person, being an authorised person within the meaning of these Regulations, is convicted of an offence against the principal Act or of an offence under the enactments relating to the Customs as applied by the principal Act, the Secretary of State may, if he is of opinion that that person ought not to be allowed to remain an authorised person, by notice in the Gazette, withdraw the authority of that person:

Provided that—

(a) in the case of a person authorised by virtue of the last preceding Regulation, the Secretary of State shall, before withdrawing the authority, consult the Council of the Pharmaceutical Society of Great Britain; and

(b) nothing in this Regulation shall be taken to prejudice any power otherwise vested in the Secretary of State of withdrawing any authority granted by him.

(2) Where the person whose authority is withdrawn under paragraph (1) of this Regulation is a duly qualified medical practitioner, a registered dentist or a registered veterinary surgeon, the Secretary of State may, by notice given in like manner, direct that it shall not be lawful for that person to give prescriptions for the purposes of these Regulations.

(3) If the Secretary of State has reason to suspect that a medical practitioner or dentist is supplying or prescribing drugs or preparations to or for either himself or any other person otherwise than is properly required for the purpose of the medical or dental treatment of himself or that other person, the Secretary of State may refer the matter to a tribunal constituted in accordance with the provisions contained in the First Schedule to these Regulations, and, if the tribunal so recommend, the Secretary of State may, by notice in the Gazette, withdraw the authority of the practitioner or dentist to supply, procure or be in possession of drugs or preparations and give the like direction with respect to him as may be given under paragraph (2) of this Regulation.

8.—(1) For the purposes of these Regulations a prescription means a prescription directing the supply of a drug or preparation and given either by a duly qualified medical practitioner for the purposes of medical treatment, by a registered dentist for the purposes of dental treatment or by a registered veterinary surgeon for the purposes of animal treatment.

(2) A person by whom a prescription is given shall comply with the following requirements—

The prescription must—

(a) be in writing and signed by the person giving it with his usual signature and dated by him:

(b) except in the case of a health insurance prescription, specify the address of the person giving it:

(c) specify the name and address of the person for whose treatment it is given or, if it is given by a veterinary surgeon, of the person to whom the article prescribed is to be delivered:

(d) have written thereon, if given by a dentist, the words "For local dental treatment only," and, if given by a veterinary surgeon, the words "For animal treatment only":

(e) specify, if it prescribes a preparation contained, or compounded of preparations all of which are contained, in the British Pharmacopœia, the British Pharmaceutical Codex or the Drug Tariff issued by the Minister of Health for the purposes of national health insurance, the total amount of the preparation or of each preparation, as the case may be, and in any other case the total amount of the drug to be supplied.

9.—(1) A person shall not supply a drug or preparation on a prescription—

(a) unless the prescription complies with the provisions of these Regulations relating to prescriptions; and

(b) unless, in the case of a health insurance prescription, he has no reason to suppose that it is not genuine, or, in any case of any other prescription, he either—

(i) is acquainted with the signature of the person by whom it purports to have been given and has no reason to suppose that it is not genuine; or

(ii) has taken reasonably sufficient steps to satisfy himself that it is genuine.

(2) If a prescription expressly states that it may, subject to the lapse of a specified interval or of specified intervals, be dispensed two or three times, the drug or preparation thereby prescribed may, as the case may be, be supplied a second or a third time after the specified interval or intervals, but, subject as aforesaid, a prescription shall not for the purposes of these Regulations be taken to authorise the drug or preparation prescribed to be supplied more than once.

(3) The person dispensing a prescription shall, at the time of dispensing it, mark thereon the date on which it is dispensed, and, in the case of a prescription which may be dispensed two or three times, the date on which it is dispensed the second time and the date on which it is dispensed the third time, and shall, unless it is a health insurance prescription, retain it and keep it on the premises where it is dispensed and so that it may be available for inspection.

10.—(1) Subject to the provisions of this Regulation, no person shall—

(a) supply a drug unless the package or bottle in which it is contained is plainly marked with the amount of the drug contained therein; or

(b) supply a preparation, unless the package or bottle in which it is contained is plainly marked—

(i) in the case of a powder, solution or ointment, with the total amount thereof in the package or bottle and the percentage of the drug contained in the powder, solution or ointment; or

(ii) in the case of tablets or other similar articles, with the amount of the drug in each article and the number of articles in the package or bottle.

(2) This Regulation shall not apply in a case where a preparation is lawfully supplied in accordance with these Regulations by, or on a prescription lawfully given by, a duly qualified medical practitioner.

11.—(1) Every person authorised to supply drugs or preparations shall comply with the following provisions—

(a) he shall, in accordance with the provisions of this Regulation, keep a register and enter therein in the forms respectively set out in Part I and Part II of the Second Schedule to these Regulations true particulars with respect to every quantity of any drug or preparation obtained by him and with respect to every quantity of any drug or preparation supplied by him, whether to persons within or to persons outside Great Britain:

(b) a separate register or a separate part of the register shall be used with respect to each of the following classes of drugs and preparations—

(i) cocaine and ecgonine, and preparations containing cocaine or ecgonine:

(ii) morphine, and preparations containing morphine:

(iii) diamorphine, and preparations containing diamorphine:

(iv) medicinal opium:

(v) extracts or tinctures of Indian hemp:

(vi) dihydro-oxycodone, and preparations containing dihydro-oxycodone:

(vii) dihydrocodeinone, and preparations containing dihydrocodeinone:

(c) the required entry must be made on the day on which the drug or preparation is received or on which the transaction with respect to the supply thereof takes place, or, if that is not reasonably practicable, on the day next following the said day:

(d) a separate register shall be kept in respect of each set of premises at which the authorised person carries on business, and, subject to the approval of the Secretary of State, an authorised person may, if he thinks fit, keep



a separate register for each department of the business carried on by him:

(e) no cancellation, obliteration or alteration shall be made of an entry in the register, and any correction of an entry must be made by way of a marginal note or a footnote which must specify the date on which the correction is made:

(f) the authorised person shall, on demand by the Secretary of State or by any person empowered in that behalf by order in writing by the Secretary of State, furnish to the Secretary of State or that person, as the case may be, such particulars as the Secretary of State or that person may require with respect to the obtaining or supplying by the authorised person of any drug or preparation or with respect to any stocks of drugs or preparations in the possession of the authorised person:

(g) the register may be used for the purpose of the entries required to be made under section 17 of the Pharmacy Act, 1868, but save as aforesaid shall not be used for any purpose other than the purposes of these Regulations.

(2) So much of this Regulation as requires a person to enter in the register particulars with respect to drugs or preparations supplied by him shall not apply to—

(a) a duly qualified medical practitioner who enters in a day book particulars of every drug or preparation supplied by him to any person, together with the name and address of that person and the date of the supply, and enters in a separate book kept for the purposes of this Regulation a proper reference to each entry in the day book which relates to the supply of any drug or preparation; or

(b) a person keeping open shop for the retailing of poisons who enters in a separate book kept for the purposes of this Regulation a proper reference to each entry in a Pharmacy Act book which relates to the supply of any drug or preparation.

(3) References in the separate book must be made in chronological order and the book must be kept in separate parts relating respectively to each of the several classes of drugs and preparations specified in paragraph (1) of this Regulation, and must not be used for any purpose other than the purposes of paragraph (2) of this Regulation.

(4) The entry in the day book or in the separate book must be made on the day on which, but for this paragraph of this Regulation, an entry would have been required to be made in the register, and sub-paragraph (e) of paragraph (1) of this Regulation shall apply as respects any such entry.

(5) Every register, every separate book kept under the provisions of paragraph (2) of this Regulation, every day book in which any entry with respect to the supply of a drug or preparation is made and every Pharmacy Act book containing an entry which is referred to in the separate book shall be kept on the premises to which the register or book relates or where the prescription was dispensed, as the case may be, and so as to be at all times available for inspection.

(6) Every entry required to be made under this Regulation and every correction of such entry must be made in ink or otherwise so as to be indelible.

(7) For the purposes of this Regulation—

(i) a drug or preparation administered by, or under the direct supervision and in the presence of, a duly qualified medical practitioner or a registered dentist shall not be deemed to have been supplied by him;

(ii) "a proper reference" means a reference which is entered in the separate book under the same date as that on which the entry in the day book or in the Pharmacy Act book was made and is otherwise such as to enable that entry to be easily identified.

12.—(1) If any drugs or preparations authorised under the law of any country outside the United Kingdom to be exported therefrom to any destination outside the United Kingdom are brought into the United Kingdom, no person shall, without authority in that behalf from the Secretary of State, cause or procure those drugs or preparations to be diverted to any other destination.

(2) For the purposes of this Regulation the destination to which any drugs or preparations are authorised to be

exported shall be taken to be the destination stated in the authority for the export thereof from the country of export.

13.—(1) The master of a ship which does not carry on board as part of her complement a duly qualified medical practitioner is hereby authorised—

(a) So far as necessary for the purpose of compliance with the Acts relating to merchant shipping, to be in possession of drugs and preparations; and

(b) Subject to and in accordance with any conditions imposed by the Secretary of State and any instructions issued by the Board of Trade, to supply drugs and preparations to members of the crew.

(2) Where a drug or preparation is supplied to a member of the crew of a ship the entry in the official log-book, in accordance with paragraph (5) of section two hundred and forty of the Merchant Shipping Act, 1894, of the medical treatment adopted shall, notwithstanding anything in these Regulations, be a sufficient record of the supply, if that entry specifies the drug or preparation supplied.

(3) The master of a foreign ship which is in a port in Great Britain is hereby authorised to purchase and be in possession of such quantity of drugs or preparations as may be certified by the medical officer of health of the port where the ship is, or in his absence by the assistant medical officer of health, to be necessary for the equipment of the ship until it next reaches its home port.

A person who supplies a drug or preparation in accordance with a certificate given under this paragraph of this Regulation shall retain the certificate and mark it with the date on which the drug or preparation was supplied and keep it on his premises so as to be available for inspection.

14. All registers, records, books, prescriptions and other documents which are kept, issued or made in pursuance of the requirements or for the purposes of these Regulations shall be preserved in the case of a register, book or other like record, for a period of two years from the date on which the last entry is made therein, and in the case of any other document for a period of two years from the date on which it is issued or made.

15.—The Secretary of State may, subject to such conditions as he may prescribe, exempt any hospital or other public institution from any provision of these Regulations.

16.—Nothing in these Regulations shall apply to any of the preparations mentioned in the Third Schedule to these Regulations or to a drug or preparation which has been denatured in manner approved by the Secretary of State.

17.—(1) In these Regulations, unless the context otherwise requires, the following expressions have the meanings hereby respectively assigned to them, that is to say—

"Authority" means—

(a) Any licence issued by the Secretary of State under section twelve of the principal Act;

(b) Any authority granted by the Secretary of State under that section; and

(c) Any general authorisation conferred by these Regulations; and the expression "authorised" shall be construed accordingly:

"Drug" means any drug to which Part III of the principal Act applies, other than benzoyl-morphine or a preparation, admixture, extract or other substance containing benzoyl-morphine, or a preparation within the meaning of these Regulations:

"Gazette" means the London Gazette and the Edinburgh Gazette:

"Health insurance prescription" means a prescription issued in connection with national health insurance and given on the form provided by the insurance committee:

"Keeping open shop for the retailing of poisons" means lawfully keeping open shop for the retailing of



poisons in accordance with the provisions of the Pharmacy Act, 1868, as amended by any subsequent enactment:

"Pharmacist" means a duly registered pharmaceutical chemist or chemist and druggist, and includes a company or firm lawfully keeping open shop for the retailing of poisons:

"Pharmacy Act book" means either of the books required to be kept under section seventeen of the Pharmacy Act, 1868.

"Preparation" means any preparation, admixture, extract or other substance containing such a proportion of a drug (other than benzoyl-morphine) as is sufficient to make a preparation, admixture, extract or substance a drug to which Part III of the principal Act applies.

"Principal Act" means the Dangerous Drugs Act, 1920, and references in these Regulations to that Act shall be construed as references to that Act as amended by any subsequent enactment or as extended by any Order in Council made under subsection (2) of section eight of that Act.

(2) For the purposes of these Regulations but subject in each case to any limitation attached to his authority—

(a) A person authorised to manufacture a drug shall be deemed to be authorised to supply that drug; and

(b) A person authorised to supply a drug or preparation shall be deemed to be a person authorised to be in possession of, to procure, to offer to supply or procure, and to advertise for sale, that drug or preparation.

(3) The Interpretation Act, 1889, applies for the purpose of the construction of these Regulations as it applies for the purpose of the construction of an Act of Parliament.

18.—(1) These Regulations may be cited as the Dangerous Drugs (Consolidation) Regulations, 1928.

(2) These Regulations shall come into operation on the first day of January, nineteen hundred and twenty-nine.

(3) The Regulations set out in the Fourth Schedule to these Regulations are hereby repealed:

Provided that this repeal shall not affect any order made or any direction or authority given under the said Regulations, and every such order, direction or authority shall continue in force and, so far as it could have been made or given under these Regulations, shall have effect as if made or given thereunder.

One of His Majesty's Principal Secretaries of State.

Home Office, Whitehall, 1928.

## SCHEDULES

### FIRST SCHEDULE

*Constitution of Reference Tribunal for the purpose of Reg. 7 (3).*

1. Separate tribunals shall be constituted to deal respectively with the cases of persons practising in England and the cases of persons practising in Scotland.

2. The tribunal shall consist, in the case of a medical practitioner, of three duly qualified medical practitioners, and in the case of a dentist, of three registered dentists, together in either case with a legal assessor.

3. The members of the tribunal and the legal assessor shall be appointed by the Secretary of State.

4. In the case of a medical practitioner, one of the members of the tribunal shall be appointed on the nomination of the General Medical Council, one on the nomination of the British Dental Association, or, if the dentist is registered in the case of the tribunal for England, of the Royal College of Physicians of London, and, in the case of the tribunal for Scotland, of the Royal College of Physicians of Edinburgh.

5. In the case of a dentist, one of the members of the tribunal shall be appointed on the nomination of the Dental Board of the United Kingdom, one on the nomination of the General Medical Council, and one on the nomination of the British Dental Association, or, if the dentist is registered by virtue of the provisions of section three of the Dentists Act, 1921, or section one of the Dentists Act, 1923, of the Incorporated Dental Society, Limited.

### SECOND SCHEDULE

#### FORM OF REGISTER

##### PART I

*Entries to be made in case of drugs or preparations obtained.*  
[The class of drugs and preparations to which the entries relate to be specified at the head of each page in the Register.]

Date on which received	Name	Address	Amount obtained	Form in which obtained
	of person from whom obtained			

##### PART II

*Entries to be made in case of drugs or preparations supplied.*  
[The class of drugs and preparations to which the entries relate to be specified at the head of each page in the Register.]

Date of transaction	Name	Address	Authority of person to whom article supplied to be in possession thereof	Amount supplied	Form in which supplied	In case of supply on a prescription, the ingredients of the prescription.
	of person to whom supplied.					

### THIRD SCHEDULE

*Preparations exempted from Regulations.*

Cereoli Iodoformi et Morphinae, B.P.C.  
Emp. Opii, B.P., 1898.  
Lin. Opii, B.P.  
Lin. Opii Ammon, B.P.C.  
Pasta Arsenicalis, B.P.C.  
Pil. Hydrarg. c. Opio, B.P.C.  
Pil. Ipecac. c. Scilla, B.P.  
Pil. Plumbi c. Opio, B.P.  
Pil. Digitalis et Opii Co., B.P.C.  
Pil. Hydrarg. c. Cret. et Opii, B.P.C.  
Pulv. Cretae Aromat. c. Opio, B.P.  
Pulv. Ipecac. Co., B.P. (Dover's Powder).  
Pulv. Kino. Co., B.P.  
Suppos. Plumbi Co., B.P.  
Tahlettao Plumbi c. Opio, B.P.C.  
Ung. Gallae c. Opio, B.P. (Gall and Opium Ointment).  
Ung. Gallae Co., B.P.C.

### FOURTH SCHEDULE

*Regulations Repealed.*

The Dangerous Drugs Regulations, 1921.  
The Dangerous Drugs Regulations, 1922.  
The Dangerous Drugs Regulations, 1923.  
The Dangerous Drugs (No. 3) Regulation, 1923.  
The Dangerous Drugs Regulations, 1924.  
The Dangerous Drugs Regulations, 1926.  
The Dangerous Drugs Regulations, 1928.

EXHIBITION AT LIMA.—A Hygienic Exhibition is to be held at Lima from November 25 to December 10, 1928. The exhibits comprise medical, chemical, sanitary, surgical, dental and allied products.

AN ANALYST DISCUSSES ANIMAL FOODS.—Addressing the annual congress of the National Veterinary Medical Association at Newcastle-on-Tyne, recently, Dr. J. F. Tocher, Aberdeen, said that the present high standard of commercial enterprise had led to an almost entire elimination of the deliberate adulteration of food-stuffs. There were, however, a number of articles on the market which placed the unwary purchaser at a disadvantage. It was claimed for many of these articles that they had a medicinal value and were highly suitable for the production of milk, whereas analysis showed that they were ordinary feeding-stuffs to which spice or a little colouring matter had been added.



## Corner for Students

Conducted by Leonard Dobbin, Ph.D.

Communications should be addressed "Corner for Students, 'The Chemist & Druggist,' 42 Cannon Street, London, E.C.4."

### Report on the October Analytical Exercise

THE powder sent out to students on October 9 contained one part by weight of cupric sulphate, eight parts of ammonium ferric sulphate (iron alum), and one part of magnesium sulphate. The calculated composition of such a mixture is:

Cu	...	...	...	...	2.5
Fe	...	...	...	...	9.3
Mg	...	...	...	...	1.0
NH <sub>4</sub>	...	...	...	...	3.0
SO <sub>4</sub>	...	...	...	...	39.6
H <sub>2</sub> O	...	...	...	...	44.6
				100.0	

A trace of calcium was also present as impurity.

Samples of the powder were distributed to twenty-three students, and ten reports on its analysis were sent in for examination. The presence of iron and of the sulphuric acid radical was reported in every case, but copper and magnesium were missed by four students each and ammonium by five. Two students failed to report the evolution of water, and four the evolution of sulphur dioxide, when the powder was heated in a dry tube. The liberation of these substances formed well-marked features in the test. In two cases iron was reported to be present as ferrous salt. The trace of calcium was probably undetected in every case, the single student who reported calcium adducing evidence of conspicuous reactions which clearly bore no relation to the minute trace actually present and which must have been founded upon some error in procedure.

This exercise presented an example of a quite simple analysis. It was intended to serve as a forerunner to the exercises of the new tournament series, announced last week, and, in a preliminary competition, to afford students an opportunity of testing their proficiency before the actual opening of the tournament. It is to be regretted that only a very limited number of students submitted reports of their analyses, although it is probable that others examined the powder without reporting upon it. A feature of the mixture was the relatively small proportion in which the metallic radicals were present, since water of crystallisation and sulphuric acid radical made up, between them, over 84 per cent. of its weight. Of the remainder, considerably more than one-half consisted of iron, while the copper, magnesium, and ammonium together only represented 6.5 per cent. It is probably due to these circumstances that in every report except one mention of magnesium or of ammonium as a constituent was omitted. Some care was necessary in testing for both of these radicals, but when this was duly exercised, their presence was easily proved.

In two reports it was stated that hydrogen sulphide did not produce any precipitate in the original solution, acidified with hydrochloric acid, a result which must have arisen from too casual application of the gas or the employment of an old and probably very dilute solution of it. When the gas was passed briskly through the solution, the precipitation of sulphur, due to the reduction of the ferric salt to ferrous, and simultaneous darkening due to the precipitation of cupric sulphide, began almost immediately, and in a short time a very distinct brownish-black precipitate was deposited. While it was not difficult, on examining this precipitate systematically, to establish that it contained copper as its only metallic radical, more than one student concluded that mercury was present and one reported lead. The powder was free from chloride, so that the indications of its presence, reported by several students, must have been due to the use of impure reagents or to the introduction of chloride in some other way during the course of the analyses.

### PRIZES

The first prize for the best analysis has been awarded to:—

HENRY W. BLICK, 71 Laxey Road, Rotton Park, Birmingham.

The second prize has been awarded to:—

F. M. BRANDRETH, Greenside, Dean Row, Wilmslow, Cheshire.

**First Prize.**—Any scientific book that is published at a price not greatly exceeding fifteen shillings may be taken as a first prize.

**Second Prize.**—Any scientific book which is sold for about seven shillings and sixpence may be taken as a second prize.

The students to whom prizes are awarded are requested to write at once to the Publisher, naming the book or books they select.

### MARKS AWARDED FOR ANALYSES

H. W. Blick (1st prize)	80	Kudos	...	...	59
F. M. Brandreth (2nd prize)	78	Roggs	...	...	57
Rambler	77	Resurgam	...	...	56
Xtals	75	Metropolis	...	...	52
Cantab	71	L. S. D.	...	...	38

### TO CORRESPONDENTS

H. W. BLICK.—We were not able to observe any reduction of permanganate by a solution of the powder in dilute sulphuric acid. The first few drops of highly dilute permanganate solution did not establish a definite purplish colour, as they had to overcome the slight blue colour of the acid solution, but later, on adding more, the purple became easily recognisable, although the actual amount of permanganate present in the quantity of solution added was still exceedingly small. The magnesium, although present only in small proportion, was easily detected in solutions which had not been permitted to become unduly dilute.

F. M. BRANDRETH.—Had a thiosulphate been present silver nitrate would not have been without reaction in the testing for acidic radicals. Absence of reaction at this stage should have led you to doubt the accuracy of your earlier conclusion. Testing for chromium in the iron-group precipitate should not have been omitted.

RAMBLER.—The precipitate which you supposed to consist of aluminium hydroxide was probably due to silicate present as impurity in the potassium hydroxide solution with which you boiled the iron-group precipitate.

XTALS.—A solution of the powder in dilute nitric acid which was free from any chloride as impurity did not give a precipitate with silver nitrate. The precipitate you obtained in making this test must have been due to impure nitric acid or to the using of imperfectly cleansed test tubes. You have been mistaken in the test which you supposed to indicate the presence of mercury. You should have made a preliminary examination of the powder before proceeding to the systematic tests for metallic and acidic radicals, and the methods by which you proved the absence of chromium and aluminium should have been stated.

CANTAB.—Having suspected the evolution of sulphur dioxide on heating the powder, it seems remarkable that you did not succeed in establishing its presence. It is seldom satisfactory to test for potassium by means of a special test applied to the original solution of a mixture. Potassium should be tested for in solutions from which all metallic radicals except alkalis and magnesium have been separated. Note particularly that a precipitate of aluminium hydroxide cannot be present in a liquid to which excess of hydrochloric acid has been added.

KUDOS.—The acid fumes evolved when the powder was heated with concentrated sulphuric acid were due simply to the volatilisation of part of this acid. The test by which you supposed the presence of magnesium had been confirmed had, as its chief result, the precipitation of ferric hydroxide by the potassium hydroxide you employed.

ROGGS.—The powder did somewhat resemble ferrous ammonium sulphate in appearance, but that did not justify you in reporting reactions, which you had not observed, purporting to show that ferrocyanide, ferri-



cyanide and thiocyanate indicated the presence of ferrous and the absence of ferric iron.

**RESURGAM.**—As you failed to remove the copper as sulphide by means of hydrogen sulphide, this metal was still in solution when you reached the stage of adding ammonium hydrosulphide, and it gave rise to the black precipitate which you observed.

**METROPOLIS.**—On treating the hydrogen sulphide precipitate with ammonium hydrosulphide and filtering you obtained a black residue which you supposed to be sulphur only and a filtrate in which you concluded tin was present. The black residue consisted chiefly of cupric sulphide; the yellow substance you recovered from the filtrate was sulphur.

**L. S. D.**—You should have applied the regular method of separation to the hydrogen sulphide precipitate, in which case it is unlikely you would have concluded that it consisted of mercuric and lead sulphides. As the radical of phosphoric acid was not present, the special phosphate separation method which you followed was unnecessary.

## The Passing of the Retail Trader

ONE of the most remarkable features of modern business, so far as it relates to the distribution of the commodities of every sort required for the British household—be it in the way of food, or clothing, or medicine, or whatever else—is the steady disappearance of the individual trader, carrying on business personally in his own name at one single establishment. This disappearance is proceeding at a greater rate than is generally supposed; it is probable that if a census of distribution were taken to-day it would be found that the value of the commodities purchased and supplied by retail through incorporated trading concerns and "multiple" shops owned by individuals would greatly exceed the value of the same supplied by individual "single-shop" retailers.

So far as pharmacy is concerned, it would probably be within the mark to say that the proportion of purely pharmaceutical commodities still sold by individual chemists carrying on in their own names exceeds in the aggregate the output of incorporated and "multiple" pharmacies. This can, of course, readily be accounted for by the fact that the chemist is still a professional man, and as such can rely upon his own personality for an income; on the other hand, the large "stores" and the multiple trading shops where pharmaceutical requirements are provided usually rely for the bulk of their turnover upon other departments of business wholly unconnected with pharmacy and its allied interests.

It is quite unnecessary to offer any criticisms upon the system that is growing up and that seems likely in time to supersede the old individual retailing element altogether. It is well known and fully recognised that pharmacies in the "stores" are conducted on the very best lines, and, indeed, being (as is required by law) under the control of fully qualified persons, are on a perfectly sound, reliable and proper basis. From that standpoint nothing need be said. The position is the same as, shall we say, in the banking world, where the old private banker, who knew his every customer and was the friend and confidant of all, has given place to the "big five," whose branches are in almost every street in the land. The times have changed—are still changing. "Mass production" has come along to meet the needs of a greatly enlarged population, and the economies of "costing" with other forms of scientific business organisation have taken the place of the old haphazard system upon which retailing was carried on in the past. Those individual retailers who know how, by combination and co-operation in buying, by adopting every available device in the way of packed "own name" proprietaries, and in similar ways, to put themselves in some degree on equal terms with their larger competitors, are the men most likely to survive.

But with all this change and development on modern lines there have come one or two dangers that ought

to be recognised and faced. One is the danger of breaking the spirit of individualism; the other—not quite the same thing but closely allied to it—is the danger of slipping more and more into bureaucracy. A resolute guard should be kept by the nation at large against these two dangers. The way of the single-handed trader is being made more and more difficult by the ever-increasing burden of taxation, local and Imperial. It is of little use to say that this burden may be shifted on to the shoulders of the purchaser; that is not the only feature of the matter. With increased overhead charges of this type comes a constantly heavier call upon the taxpayer's time—the need for professional assistance, the worry and trouble of filling up forms, of making returns, of complying with regulations, and all the rest of it. That part of the burden cannot be shifted on to the consumer. It can be handled easily by big concerns—it is becoming intolerable to the single-handed man. Then bureaucracy, in the shape of one set of officials after another, is worrying the retail trader more and more, and forcing him to take refuge in bigger concerns where he will be free from the constant strain and anxiety of all this unproductive and unremunerative labour. That is where bureaucracy is gradually wiping out the individual. There is good reason to believe, indeed, that that is the avowed object of permanent officialism. The idea is to increase the pace of State controllers with comfortable salaries, absence of personal responsibility, ease and freedom of work, and at an early age an ample pension, which in a large number of cases not only provides comfort for a long autumn and winter of life, but is no prohibition against taking up and developing other avenues of profit in lieu of idleness. Many a State pensioner is occupied full-time upon work which brings in an income substantial enough for all purposes—quite apart from the State pension, which arrives automatically and requires no more than the posting of a receipt form. It is not fair. It is not good for the nation.

The preservation of individualism means a great deal for the future of Britain and her Empire. Trading associations and similar bodies may well take the matter into their consideration, and see what can be done to instil into the public mind the importance of not letting the private trader be driven out of the land. In London recently a count was made among the shops in a certain busy thoroughfare—and up to fifteen in a row were counted before coming upon a single privately owned and privately managed establishment. That, of course, does not apply to poorer districts—but it has a significance of its own: and what has already come to pass in busy shopping centres will in process of time become the general rule.

## Merchandise Marks Act Inquiry

### IMPORTED RUBBER GOODS.

THE India Rubber Manufacturers' Association's application for an Order in Council under Part II of the Merchandise Marks Act, to make it obligatory that imported rubber manufacturers (excluding tyres and rubber boots and shoes) should bear an indication of origin at the time of importation into this country, occupied the attention of the Standing Committee (appointed by the Board of Trade under the Act) on November 5 and 6, at the offices of the Board, at Westminster. The Chairman of the Committee is Sir Hubert Llewellyn Smith. There was opposition by a number of merchants and manufacturers selling, or using in their production, the classes of rubber goods included in the application.

The applicant Association claimed to represent from 90 to 100 per cent. of the British rubber manufacturers and of the rubber goods manufactured in the United Kingdom, and included in the application rubber in sheets; piping and tubing of rubber or rubber and other materials, armoured or not; rubber balls; toys wholly or mainly of rubber; elastic cords (uncovered); mats, matting and tiling; gloves; rubber proof cloth and articles made therefrom, as well as any other rubber manufactures consisting wholly or mainly of rubber, and including



ebonite and manufactures thereof. Thus, it embraced mechanical rubber goods (i.e., goods used in industry generally), toys, surgical goods, clothing, sheeting, water bottles, hose, etc., as well as the hardened rubber, or ebonite.

The applicants' reason for asking that the goods should bear the mark at the time of importation, as well as at the time of sale or offer for sale in this country, were that the enforcement of an importation order applied to the majority of the goods would be a matter of comparative ease, whereas the effective application of a sales Order would in the case of many classes of goods be difficult, if not impossible; that rubber manufactured goods were not used generally as components of another finished product, but were sold separately and as finished articles in themselves; and that an importation Order would not have an adverse effect on any British industry using rubber manufactured goods. It was also pointed out that the re-export of foreign rubber manufactured goods was negligible.

In view of the wide variety of articles included in the application, a schedule was put forward indicating various suggested methods of marking applicable to the various classes, which methods, it was urged, were not only practicable, but were in current use by British manufacturers.

The great increase in the importation of rubber goods since the war was emphasised by Mr. D. H. Corsellis (who appeared with Mr. J. R. Jones on behalf of the applicants). Emphasis was laid also in the applicants' statement upon the impossibility of a purchaser distinguishing between British and foreign manufactured goods, and it was stated that in the case of the majority of articles scheduled the testimony of a technical expert would be open to question. Reference was also made to misleading advertisements couched in terms calculated to infer that the imported products were of British origin. Therefore, it was urged that Press advertisements, posters, propaganda pamphlets, display cards, price lists, etc., should be marked in a conspicuous manner with an indication of origin of the goods.

In the course of discussion, counsel intimated that the applicants were willing to agree to proposed alterations in the proposed methods of marking of specific articles, as, for instance, those made of ebonite, and which were often of an ornamental character.

Objections were raised to the proposals on the grounds of lack of necessity, impracticability, injury to the goods, and detriment to the entrepôt trade. For instance, it was urged that many of the classes of goods covered by the application would be rendered useless for sale if the proposed marking were ordered; that many of them were used as raw material and as component parts of finished British goods, the marking of which would serve to brand such finished articles as wholly foreign, and to injure, if not destroy, the British trade therein; that many classes of goods were subjected to processes of manufacture in the United Kingdom which would render the marking useless; that in the case of many classes of goods the proposed marking was impracticable, or, if practicable, would injure or deface them; and that in others the marking was so costly as to prohibit trade.

Evidence was given in support of the application by Mr. J. Haworth (secretary of the India Rubber Manufacturers' Association), who said that British manufacturers did not seek an order as a protective measure with a view to barring imports of foreign goods, but they had found by experience that the British public desired to buy British products, and that British marking was often imitated on foreign goods. Generally speaking, reputable British manufacturers marked their goods either with their own names, or with the names of their customers at the request of their customers. Through the instrumentality of the Merchandise Marks Act, the British manufacturers wished to be placed on a par with their foreign competitors. He referred to a water bottle of German manufacture bearing the name "Minerva" moulded into it, but with the words "made in Germany" on a detachable strip round the neck, which strip could be detached easily by the wholesaler or retailer. As the result of correspondence, the Commissioners of Customs had obtained a promise from those responsible that it would not occur again. Pieces of

American rubber hose were also exhibited, with the indication of origin printed in letters of microscopic size. There were others, however, in which the indication was conspicuous, which proved that hose could be marked conspicuously. Other articles were also exhibited to show the methods of marking of, or the absence of marking on, foreign goods.

The imported goods, he said, were frequently not of the British standard quality. If, however, foreign articles of a quality comparable with that of the British articles were imported, it would be difficult, speaking generally, for even an expert to determine their source.

The inquiry was resumed on Tuesday, when there was a discussion between the parties in private, which resulted in an agreement being reached on the methods of marking, or exemption from marking, of various kinds of ebonite articles, this agreement being limited by the respondents to a Sales Order, and, of course, being subject to the Committee's approval.

Mr. Haworth (Secretary of the India Rubber Manufacturers' Association) was cross-examined by Mr. N. L. Macaskie (counsel for a group of merchants and manufacturers selling or using rubber goods in their domestic production) in regard to a variety of articles, samples of which had been exhibited. One class of goods dealt with was rubber tubing used for conveying acetylene and gas, as well as tubing used for surgical purposes. The applicants' proposal was that the tubing itself should be stencilled at stated intervals, but counsel pointed out the difficulty of so doing on tubing of small diameter, and urged that it would be sufficient to apply the marks of origin to labels attached to the coils of tubing. The applicants, appreciating the difficulty, amended their original proposal, and proposed that tubing of all kinds with an internal bore of  $\frac{1}{4}$  in. in diameter and above should be marked by means of stencils, as originally proposed, but that for tubing with an internal bore diameter of less than  $\frac{1}{4}$  in. it would be sufficient to mark the containers or labels.

This concession, however, was not regarded as satisfactory by the respondents, who pointed out that there were sizes of surgical tubing below and above  $\frac{1}{4}$  in., and that the Customs authorities would have imposed upon them the duty of ascertaining which consignments of tubing had to be marked in one way and which consignments had to be marked in another. Therefore, Mr. Macaskie urged that the marking by means of labels would be most satisfactory for all kinds of tubing, but Mr. Haworth disagreed, although he admitted, in reply to questions, that British manufacturers did not mark surgical tubing by means of stencils.

Evidence with regard to combs of ebonite and vulcanite was given by Mr. HENRY CLAY (departmental superintendent of the North British Rubber Co.), which company, he said, were the only makers of vulcanite combs in this country. Imported combs bearing English names, he said, were sold in this country. The applicants had proposed that the marks on combs should be pressed, rolled or stamped on in contrasted colours. The cost of marking in contrasted colours was about 4d. per gross, and the price of the combs to the wholesaler was, generally speaking, about £2 per gross. The marking in that manner must be done in course of manufacture. His company found no difficulty in complying with the marking regulations in countries to which the combs were exported. It was difficult to distinguish between British and foreign combs, in the absence of marking, but he assured the chairman that if an Order were made, and there were a prosecution for evasion, he would be able to satisfy the courts as to whether or not the combs were foreign.

In the course of cross-examination, Mr. Macaskie said that the applicants wanted the foreign manufacturers to do considerably more than they themselves were prepared to do, and said that the British makers did not mark the combs with their name or the words "Made in England" in a conspicuous manner. Witness replied that some wholesalers objected to their customers knowing the firm from which the goods were bought, but counsel pointed out that the same objection might be made by the wholesalers dealing with imported combs.

The proceedings were adjourned until Monday, November 12.



## Trade Report

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbiling, packing, etc. Qualities of chemicals, drugs, essential and fixed oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities.

42, Cannon Street, E.C.4, November 8

BUSINESS conditions remain much as previously reported, with few changes in drugs. Chamomiles are very firm and old crop is appreciating in value; ergot continues easy and honey tends to appreciate. Cardamoms remain firm; and for Japanese vegetable wax again higher prices are asked. Menthol is the turn weaker on spot. Essential oils are in more active demand, and the price changes include bergamot, Java citronella, clove and lemon, which are higher. American peppermint is firmer, with lemongrass, Japanese dementholised peppermint and wormseed easier. Zanzibar cloves are much dearer and pepper is lower. Shellac is steady on spot and dearer forward. In the pharmaceutical chemicals group the chief alteration is a break in citric acid. Hexamine is rather firmer and phenazone easier. In the industrial chemicals group a moderate amount of business continues, with few price changes. Arsenic is rather easier and sodium acetate slightly dearer. Formaldehyde is lower. Among the coal tar products, carbolic acid crystals remain firm and cresylic acid is in brisk demand. Creosote oil and naphthalene are cheaper. Among the fixed oils business has been fairly brisk, and several items, including coconut, cotton and rape oils, are firm. English castor is easier and turpentine dearer, but closes inactive; linseed has been well maintained.

Higher	Firmer	Easier	Lower
Bergamot oil	Copper	Cotton oils	Arsenic
Chamomiles	sulphate	lemongrass oil	Castor oil
Citronella oil	Hexamine	Menthol (spot)	(Eng.)
(Jv.)	Peppermint oil	Palm oil	Citric acid
Clove oil	(U.S.)	Palm kernel oil	Cocoa butter
Cloves (Zan.)	Sodium acetate	Peppermint oil	(Amst. auctn.)
Lemon oil	Stramonium	(Jp.)	Cod-liver oil
Turpentine	leaves	Wood oil	Formaldehyde
Wax, Veg.		Wormseed oil	Male fern oil
(Jp.)			Pepper
			Phenazone

### Crude Drugs, etc.

ALMONDS.—Persian are steady, with small spot sales at from 155s. to 160s. per cwt. as to quality.

ALOES.—The exports from the Union of South Africa during July amounted to 71,947 lb. (£610), against 82,265 lb. (£650) in July 1927. During the seven months ended July 31, 1928, the exports were 592,781 lb. (£4,960), against 480,195 lb. (£3,515) for the corresponding period of 1927.

ARNICA FLOWERS are reported to be a short crop, and 2s. 6d. per lb. is now wanted.

BELLADONNA ROOT.—The crop this year is reported of high-testing quality, but prices are unchanged.

BISMUTH.—An arrival of 2,240 lb. metal has taken place from Spain.

BUCHU.—The exports from the Union of South Africa during July amounted to 26,678 lb. (£1,089), against 14,504 lb. (£643) in July 1927. During the seven months ended July 31, 1928, the exports were 138,483 lb. (£5,741), against 112,319 lb. (£4,827) for the corresponding period of 1927.

CADMIUM.—The recent firmness has been very fully maintained, but holders seem a little more inclined to take orders at current rates, ranging from about 4s. 3d. for parcels afloat up to 4s. 8d. for ready metal. The outlet has assumed such dimensions that the possibility of a setback in the price is considered remote, in spite of the fact that a few offers have been attracted from America and the Continent in competition with Australian metal.

CALUMBA.—The landings in London during October were nil, and the deliveries 102, leaving a stock of 935, against 1,533; the landings to date have been nil, against nil last year, and the deliveries 640, against 1,690 last year.

CARDAMOMS.—An auction of 80 cases will be held on November 8.

CASCARA SAGRADA.—The landings in London during October amounted to ten tons and the deliveries ten tons, leaving a stock of 304 tons against 274 tons last year; landings to date have been 105 tons against 16 last year, and the deliveries 123 tons against 96 last year.

CHAMOMILES have further advanced, and for old Belgian crop 120s. to 140s. per cwt. is asked, while fair white new is offered at from 225s. to 250s., and mixed new crop 215s. per cwt.

CLOVES.—Zanzibar are dearer, with spot sales at from 1s. 2d. to 1s. 4d. per lb. For shipment, October-December has been sold at 1s. 3½d., and December-February at 1s. 2d. to 1s. 3¼d. per lb. c.i.f. The landings of Zanzibar in London during the week ending November 3 were 217 and the deliveries 410, leaving a stock of 3,560, against 9,672 in 1927 and 8,563 in 1926. From January 1 to November 3, 1928, the landings of Zanzibar have been 13,586, against 16,033 in 1927, and the deliveries 17,707, against 13,967 in 1927.

COCOA BUTTER.—CFR on the spot is quoted at 1s. 6d., and prime English at 1s. 5½d. per lb., in not less than one-ton lots.

At the auction held in Amsterdam on November 6 Van Houten's "AA" sold at 88.00 cents per half-kilo, against 95.00 cents last month. "A" sold at 83.14 cents, against 88.03 cents last month.

COD-LIVER OIL.—A fair amount of business continues to be done in view of the approach of the winter demand. Quotations from Norway are easier and vary from 150s. to 155s. per barrel c.i.f. for finest new non-freezing steam-refined Lofoten oil.

COPPER SULPHATE.—The export demand has been towards improvement, and in line with the increased cost of rough bar copper, makers' terms have again been advanced. These range from about £26 10s. to £27 f.o.b., for casks, less 5 per cent.

CORN PRODUCTS, ETC.—Guaranteed water-white American glucose (corn syrup) is 22s. per cwt. for November-December delivery, ex store London, and Continental 21s. 6d. c.i.f. U.K. Dutch maize starch powder (cornflour) is 15s. 6d. per cwt. on the spot. American is 15s. 9d. per cwt., ex store London, for November-December delivery. Pearl starch is 15s. 3d. for November-December, ex store, London. Dutch maize starch crystals is 21s. on the spot, and American is 20s., ex store London, for November-December delivery. Dutch dextrin is quoted at 22s. to 26s. per cwt. on the spot as to quality. American canary is for November delivery 19s. 1½d., and December 18s. 7½d. White for November delivery is 18s. 1½d., and December 18s. 7½d., ex store London. Dutch farina is quoted at 15s. 6d. per cwt. on the spot, and to arrive 13s. 9d. f.o.b. is quoted.

ERGOT.—Russian is quoted at 1s. 3d. per lb. c.i.f. for small thin and up to 1s. 6d. c.i.f. for bold; spot value is 1s. 4d.

GUM ACACIA.—Kordofan is quiet, with natural sorts offering at 43s. 6d. per cwt. on the spot, and at 40s. 6d. c.i.f. to arrive; cleaned is 45s. spot and 42s. c.i.f. The London stock is 6,959, against 9,072 last year; the landings to date have been 13,487, against 15,128, and the deliveries 14,407, against 14,699 packages.

HONEY remains firm, with Jamaica quoted at from 45s. to 60s. per cwt. for dark to pale set; San Domingo is quoted at 44s. to 50s. per cwt. No Russian or Cuban is offered.

IPCACUANHA.—There were no landings in London of any description during October, while the deliveries were 58 Matto Grosso and one Minas. This leaves a stock of 313 Matto Grosso, against 283; 14 Minas, against 37; ten Cartagena, against 29. The landings of Matto Grosso to date have been 380, against 354, and the deliveries 304, against 194 last year.

LIQUORICE ROOT.—Natural Russian is quoted at 18s. per cwt.

LYCOPodium is quoted at 2s. 11d. per lb. for treble sifted quality.

MAGNESIUM is well maintained, and British makers of ingots and bars are asking 3s. 6d. to 3s. 9d. per lb. Terms for powder range from about 4s. 6d. up to 7s., according to quality and quantity.

MALE FERN EXT. is offered at 3s. 1d. per lb. in cwt. lots for 24 to 25 per cent. filicin.

MANNA is firm at 4s. 4d. per lb. for good selected in 1 lb. tins.

MENTHOL is inactive, with sellers at 23s. 6d. per lb. for Kobayashi-Suzuki on the spot. To arrive, October-December shipment is quoted at 22s. 9d. c.i.f., with buyers at 22s. c.i.f.

MERCURY.—There has been little alteration in the market, the undertone of which, however, in spite of the continued restricted demand, has been, if anything, firmer. Spot quotations were rather at variance, this being due to the fact that certain holders were lately inclined to make concessions in order to lighten their stocks. The chief importers, however, are holding out for about £23 for good-sized lots, although this figure appears to be shaded. For retail lots, however, as much as £23 5s. is offering. Business generally has been restricted on home trade account, but additional orders have been negotiated for the Eastern market on terms in line with the first-hand f.o.b. price which remains at £21 15s. The market in America has been quiet, but the New York price has been well maintained at \$125, duty paid. The quantity imported by India for the last five



months to the end of August was over 1,400 bottles, against only 375 bottles in the same period last year.

OPUM is unchanged and quiet on the basis of 1s. 9d. per unit for usual Turkey druggists' quality. The following report has been received from Turkey:—

A message from Skopje to "La Bulgaria" (Sofia) says that this year there has been a record opium crop in Macedonia, and the estimates of the total yield range from 150,000 to 180,000 kilograms.

PEPPER is cheaper. Fair black Singapore is 1s. 5d. per lb. on the spot, and October-December shipment 1s. 2½d. c.i.f. Lampong is 1s. 4½d. spot. Sales to arrive include August-October shipment at from 1s. 3½d. to 1s. 2½d., October-December at 1s. 2½d. to 1s. 2¾d., and January-March at 1s. 2½d. c.i.f. Tellicherry is 1s. 6½d. spot; January-March shipment has sellers at 127s. 6d. c.i.f. Alleppy is 1s. 6½d. spot, and January-March shipment has been sold at 126s. c.i.f. White Muntok is 2s. spot; to arrive August-October shipment has been sold at 1s. 9½d. to 1s. 8½d. to 1s. 8½d., and October-December at 1s. 9d. to 1s. 8½d. to 1s. 8d. per lb. c.i.f.

PIMENTO is quiet at 11½d. per lb. on the spot, and for November-December shipment sellers quote 97s. per cwt. c.i.f.

RHUBARB.—The landings during October amounted to 60 and the deliveries 136, leaving a stock of 182 against 123; the landings to date have been 360, against 262 last year, and the deliveries 423 against 339.

RUBBER continues steady and unchanged. There has been quite a fair business done on the spot, and manufacturers are quietly absorbing any surplus rubber that is offering. America has been quiet during the past week, no doubt pending the result of the Presidential Election; now that the Election is over, it is fully anticipated that a brisk demand will follow from that quarter. The statistical position continues to attract attention, and last week arrivals totalled 1,003 tons, whilst deliveries were 2,324 tons, showing a further decrease of 1,321 tons in the stocks. The London stock now stands at 22,919 tons, against 69,660 tons at the corresponding period last year. Quotations (Wednesday, 5 p.m.): No. 1 standard ribbed smoked sheet, spot and November, 8½d.; December, 9d.; January-March, 9½d.; April-June, 9½d. per lb.

SARSAPARILLA.—The landings in London during October were 52 and the deliveries 86, leaving a stock of 84, against 138 last year; the landings to date have been 283, against 240, and the deliveries 328, against 362 last year.

SEEDS.—There is little change to report, business remaining quiet, and prices are firm throughout. ANISE.—Spanish, 62s. 6d., and Russian 28s. CANARY is still very firm. Mazagan is 19s. 6d. on the spot, and 20s. 6d. c.i.f. is quoted for November-December shipment. Saffi is 19s. 3d. spot, but no c.i.f. offers. CUMIN.—Maltese remains at 54s. spot, and 47s. c.i.f. is quoted forward. Morocco is 42s. spot and 40s. 6d. c.i.f. for November-December shipment. CORIANDER.—Morocco is 20s. 6d. spot and 17s. 6d. c.i.f. for forward shipment. Russian is 21s. spot. FENUGREEK.—Morocco is 16s. 6d. to 16s. 9d. spot and 16s. 3d. c.i.f. forward. HEMP.—Manchurian is 20s. spot and Chilian 21s. 3d. LINSEED.—Mazagan is 20s. spot and 19s. 6d. c.i.f. is quoted forward. MUSTARD.—English is 29s. to 31s. spot. FENNEL.—Indian is 72s. 6d. spot, and 65s. c.i.f. is quoted forward.

SENA.—An arrival of 282 cases has taken place from Port Sudan.

SHELLAC is steady on spot, the price of usual standard TN orange quality closing at 207s. 6d. per cwt.; fine orange is 225s. to 320s., pure button 245s., and A.C. cakey 225s. To arrive, the sales include TN for November-December shipment at 188s. 6d. to 193s. 6d. c.i.f. For delivery, sales comprise December at 196s. to 202s. 6d., and March at 187s. to 195s. to 191s. per cwt.

SQUILL.—Fair white is offered at 26s. per cwt.

STRAMONIUM LEAVES are firmer at from 55s. per cwt. on the spot, and at 52s. c.i.f. for new crop Hungarian

TRAGACANTH.—The landings during October were 666 and the deliveries 1,066, leaving a stock of 6,635, against 8,479 last year; the landings to date have been 8,088, against 17,341, and the deliveries 9,214, against 12,051 last year.

WAX (VEGETABLE).—Japanese is again higher, 90s. per cwt. being asked on the spot, and sellers of December-January shipment quote 83s. c.i.f.

### Essential Oils

INTEREST is much more evident this week, and larger and more numerous orders are about. Bergamot, lemon, Java citronella and clove are all dearer. American peppermint is firmer, while Japanese dementholised peppermint, lemon-grass and wormseed are on the easy side.

ANISE (STAR).—"Red Ship" is firm but unchanged at last week's figures. Offers of business at shipment quotations are returned asking higher rates, but from Hamburg there appears to be no trouble in getting orders accepted. Drums

are worth about 2s. 0½d. per lb. c.i.f. and leads 2s. 2½d. Leads on the spot are maintained at 2s. 6d. per lb.

BERGAMOT has been in better demand, and prices are higher at 22s. to 22s. 6d. per lb. c.i.f. for prompt shipment. The spot value is 22s. 9d. per lb. in some directions, but lower offers of 21s. 6d. are still about for the 37-38 l.a.

CAJUPUT shows no change at 3s. 10d. per lb. on the spot.

CASSIA continues unchanged, with little interest displayed at 5s. 9d. per lb. on the spot and 5s. c.i.f. for 80-85 per cent. CEDARWOOD is more steady at 1s. 2d. per lb. on the spot for drums and 1s. 4d. for cases.

CITRONELLA.—Java is dearer, and it would now be difficult to buy on the spot at less than 2s. per lb. For shipment 1s. 11½d. per lb. c.i.f. is given for prompt shipment, while 2s. 1d. c.i.f. is quoted for January. Ceylon is unchanged at 1s. 8d. per lb. on the spot and 1s. 6d. c.i.f.

CLOVE has advanced by another 1s. 6d. per lb. this week from producers, and English distilled is now quoted at 8s. 6d. to 9s. per lb., as to quantity, for 90-92 per cent. eugenol. There are, however, parcels still offering at 7s. 6d.

GERANIUM.—Bourbon is unchanged at 19s. 6d. per lb. c.i.f., and 20s. 6d. on the spot. Algerian is also strong, and there is still considerable difference in quotations, which are a matter of negotiation.

LAVENDER is unchanged at 15s. 6d. per lb. on the spot for 38-40 per cent. French oil.

LEMON.—Owing to a spot scarcity of available stocks a few orders have sufficed to make the market dearer, and to cover immediate requirements higher prices have had to be paid at the source. The firmness of the spot market had an immediate influence on the forward position, as pressers have paid such high prices for lemons secured by them on forward contracts that there is a sense of nervousness in the atmosphere. Prompt shipment is quoted 13s. 6d. to 14s. per lb. c.i.f., though new crop is still offered 12s. 6d. to 12s. 9d. c.i.f. for January-March shipment. The value on spot is now generally quoted at 13s. 6d. per lb., but a number of isolated parcels at slightly less may still exist.

LEMONGRASS is still weak, and could now be bought at 3s. per lb. on the spot, shipment being quoted at 2s. 11d. per lb. c.i.f.

MANDARIN pressings have begun, and the first lots will be available within a few weeks. The quotation is 28s. per lb. c.i.f., but so far business has been negligible.

ORANGE.—Sicilian deliveries of very early pressings which had been contracted for despatch by the end of October have absorbed all that has been produced up to now, and very few fresh transactions have taken place. Prices are unchanged at 15s. 6d. per lb. c.i.f. for prompt shipment, and from 15s. to 15s. 6d. c.i.f. for future business. The spot value is about 16s. to 16s. 6d. for the best brands. West Indian on the spot is still quoted at 16s. per lb., and forward business is reported at 13s. 6d. per lb. c.i.f.

PEPPERMINT.—Cables from the source make American natural tin oil dearer, and there are now no offers at less than 14s. per lb. c.i.f., while other brands are as high as 14s. 6d. c.i.f. The spot market is also firm, and 14s. 3d. to 14s. 9d. per lb. is quoted, as to brand. Japanese dementholised, on the other hand, has eased down to 8s. per lb. on the spot for Kobayashi-Suzuki. For shipment there are sellers at 7s. 9d. c.i.f. for October-December position, and 7s. 6d. per lb. c.i.f. for January-March.

ROSEWOOD (BOIS DE ROSE).—Cayenne is unchanged at 8s. 3d. per lb. on the spot, in moderate quantity. Brazilian is quoted at 7s. per lb. on the spot. The demand for either is very poor indeed.

SASSAFRAS.—Natural American is unchanged at from 3s. 6d. to 3s. 9d. per lb. on the spot, as to quantity.

SPEARMINT is neglected at 19s. 6d. per lb. on the spot.

WORMSEED (CHENOPODIUM) is slightly easier on the spot at 11s. 9d. per lb., with the shipment value at 10s. 6d. c.i.f.

### Pharmaceutical Chemicals, etc.

THERE has been something of a break in the spot market for citric acid, and quotations for forward delivery, if maintained at present rates, point to further spot reductions. Tartaric acid seems likely to steady and perhaps harden a trifle. Hexamine is slightly firmer. Phenazone is easier on a very competitive market.

ACETANILIDE continues quiet with prices for B.P. crystals and powder at 1s. 4½d. to 1s. 6d. per lb., as to quantity.

AMIDOPYRIN is slow of sale, with dealers quoting at about 7s. 9d. to 8s. per lb.

ASPIRIN.—There is not much business moving at the moment, most large buyers having covered their needs for some time ahead at the advantageous price that has been ruling. With phenol firm, and salicylic acid steady, the tendency is rather for prices to firm up: from 2s. 3d. to 2s. 6d. per lb. is quoted as to quantity.

BENZONAPHTHOL is unchanged with five-kilo parcels offered on spot at 2s. 10d. per lb.



BISMUTH SALTS are unchanged at controlled prices: carbonate, 9s. 9d. subnitrate, 8s. 3d. per lb., in cwt. lots.

BROMIDES are unchanged; market has been of little interest: dealers quote ammonium, 1s. 11d.; potassium, B.P. crystals, 1s. 7½d.; granular, 1s. 7d.; sodium, B.P., 1s. 10d. per lb., for quantities in cases. British makers' list prices are unchanged: ammonium, 2s. to 2s. 3d.; potassium, B.P., 1s. 8½d. to 1s. 11½d.; sodium, B.P., 1s. 11d. to 2s. 2d. per lb., as to quantity.

CALCIUM LACTATE is steady at 1s. 2½d. to 1s. 3½d. per lb., as to quantity; business limited.

CHLORAL HYDRATE is unchanged at 3s. 1½d. to 3s. 3d. per lb. for duty paid crystals.

CITRIC ACID (B.P. crystals).—There has been a decided weakening in the spot position, and prices are now down to about 2s. 5½d. to 2s. 6d. per lb., less 5 per cent., and less would possibly be taken for good orders. Forward quotations are now coming to hand from the foreign makers and are nominal at 1s. 11d. per lb. c.i.f., subject to a change in the price of raw material.

CREOSOTE (B.P.) continues to be quoted at 1s. 8d. to 1s. 8½d. per lb. on a quiet market.

CREOSOTE CARBONATE is unchanged on a slow market; quoted at 5s. 10d. to 6s. per lb.

GUAIACOL CARBONATE is steady but slow of sale; quoted on spot at 4s. 6d. to 4s. 9d. per lb.

HEXAMINE.—There is some indication that this market is slightly firmer, and prices are now fairly steady at the minimum of 1s. 11d. to 2s. for quantities; small parcels, about 2s. 1d. and upwards.

HYDROQUINONE is unchanged on a slow market: quoted from 3s. 7½d. to 4s. 6d. per lb.

LACTIC ACID (B.P.) continues at the controlled prices of 1s. 6½d. to 1s. 10½d. per lb., as to quantity.

METHYL SALICYLATE (B.P.) is about unchanged, with ton lots or more from 1s. 4d. and upwards; cwt. lots, about 1s. 5d.; small parcels, 1s. 6d. per lb.

METHYL SULPHONAL is unchanged on a dull market: quoted on spot at 8s. 9d. per lb.

PARAFORMALDEHYDE continues steady: quantities in kegs from 1s. 7d. per lb.; small quantities of 100 per cent. powder, about 1s. 8d. per lb.

PARALDEHYDE is dull at from 1s. 1d. to 1s. 3d. per lb., according to quantity and packing.

PHENACETIN continues highly competitive and most business of any size is at cut rates; quoted from 2s. 4d. to 2s. 6d. per lb.

PHENOLPHTHALEIN remains unaltered at from 5s. 11d. to 6s. 1½d. per lb. Small isolated parcels appear on the market from time to time at a few pence per lb. below. There is, we believe, no regular supply at these lower prices.

PHENOZONE.—The recent competition has resulted in lower prices being quoted: usual-sized business from 3s. 8d. to 3s. 9d., and less for ton lots.

POTASSIUM PERMANGANATE (B.P.) continues very slow; prices, however, are holding steady at 5½d. per lb., in drums; small parcels, 6d.

RESORCIN is irregular on quotation; business is mostly put through at about 2s. 10d. to 3s. per lb., as to quantity; some quotations are from 3s. to 3s. 3d.

SALICYLIC ACID (B.P.) is unchanged at 1s. 3d. to 1s. 6d. per lb., the lower prices for minimum ton lots.

SALOL continues steady at 2s. 3d. to 3s. 6d. per lb., according to quantity.

SODIUM BENZOATE (B.P.) is unchanged on a quiet market: quantities in two-cwt. barrels, 1s. 7½d.; parcels of one or two cwt., 1s. 8d.

SULPHONAL continues very quiet, with spot offers at about 6s. 6d. per lb.

TANNIC ACID—B.P. *leviss* is not in any great demand, but prices are steady at 2s. 10d. to 3s. per lb., for quantities; small parcels, about 3s. 3d. per lb.

TARTARIC ACID (B.P. crystals).—In some quarters there has been talk of a firmer market, but it does not seem to have materialised to any extent; spot is still being quoted from 1s. 4d. to 1s. 4½d. per lb., less 5 per cent. for foreign.

According to a German contemporary the world's production of tartaric acid is estimated at about 20,000 tons. Of this quantity 9,500 tons is contributed by the German-Italian Syndicate, 5,000 tons of this being made in Italy. France produces 2,000 tons, England 2,500 tons, America 3,500 tons, Austria 500 tons, Spain 500 tons, Australia 500 tons, and Poland, the Balkan countries and Russia, together 1,000 tons. It is stated that the production capacity of the German-Italian Syndicate is 12,000 tons a year.

TERPIN HYDRATE is of little interest; quoted at 1s. 5d. per lb., for quantities to come forward.

THYMOL is unchanged, with the market quiet: synthetic fine white is offering at about 9s. 6d. per lb., in cwt. lots.

VANILLIN continues to be of little interest on the open market, although the usual direct business continues on modest lines: ex guaiacol, 14s. 9d. to 15s.; 100 per cent. from clove oil, 16s. to 16s. 9d. per lb.

### Fixed Oils, etc.

ONE or two items, such as coconut, cotton and rape oils, are steady to firm and moderately busy. Linseed oil is keeping up well and is steady. Turpentine shows an advance but closes inactive but firm. ACID OILS are slow but fairly steady: coconut and/or palm kernel, 36s.; groundnut, 31s. 6d.; soya, 28s. 6d. spot. CASTOR is easier and still quiet: pharmaceutical, 49s.; first pressings, 44s.; second pressings, 41s. per cwt. spot, in barrels, in not less than one-ton lots. COCONUT is firm as quoted: deodorised, spot, 46s.; Ceylon, 38s. 9d. c.i.f.; Cochin, 52s. c.i.f. COTTON is slightly easier but the market is now steady: deodorised, 40s. 6d.; common edible, 38s. 6d.; soapmaking, 36s.; crude, 35s. spot. GROUND NUT is quiet but steady: deodorised, spot, 47s.; crude Oriental, 41s. c.i.f. PALM KERNEL is quiet and rather easier: deodorised, 44s. 3d.; crude, 39s. 9d. spot. PALM is easier and has been quiet most of the week, closing rather irregular: Lagos, 39s.; softs, 36s. 9d.; mediums, 46s. 9d.; hards, 38s.; bleached, 39s. 6d. spot. RAPE is firm at full rates: refined, 45s. 6d.; crude, 43s. 6d. spot. SOYA has been quiet: deodorised, about 40s. 6d.; crude, 35s. 6d. spot. LINSEED (raw, naked).—Prices are well maintained on the week and the market is fairly active and firm: on spot, 29s. 6d.; November-December, 28s. 6d.; January-April, 28s. 6d.; May-August, 28s. 7½d.; September-December, 29s. 3d. Boiled oil, spot 34s. Hull, on spot, 29s. 4½d.; November, 29s. 3d.; December, 29s. 3d.; January-April, 29s.; May-August, 29s. 1½d. TURPENTINE.—The market has gathered further strength, chiefly in connection with the stronger position in America, due to reduced receipts and, consequently, decreased stocks. There has been a little more doing in this market. Deliveries for last week were very good at 2,162 barrels, making a total since January 1 of 88,842 barrels, which compares with 102,584 barrels the same period last year. Stocks were returned at 34,222 barrels, against 48,757 barrels the same date last year. Including alofts the visible supply was 38,572 barrels, comparing with 59,907 barrels the same date last year. The spot price closes quiet at 44s. per cwt., December 44s. 3d., and January-April 45s. 3d. per cwt. RESIN was not active but inclined to be firmer on more hopeful American advices. C.i.f. terms for shipment were as follows: B to D 19s. to 19s. 4½d., E to I 19s. 9d., K to N 20s., W.G. 22s. 10½d., and W.W. 24s. 3d. Terms ex wharf stand at a premium of 9d. per cwt., but W.W. grade is held for the fancy figure of 25s. 9d. WOOD.—Hankow, in barrels, on spot remains quiet at 73s. per cwt.

LUBRICATING, MINERAL, BURNING OILS, ETC.—Products in this section continue steady and a fair volume of business is being transacted. BENZOL.—Prices are very steady and market continues active: crude 65's, 11½d.; standard motor, 1s. 4½d.; pure, 1s. 9½d. per gallon, ex works, in tank wagons; ex London works, about twopence dearer. FUEL OIL is steady and business fair: 950 gravity, £3 10s.; 890 gravity, £4 2s. 6d. per ton, ex tank. PARAFFIN WAX AND SCALE.—Wax is firm at from 3d. to 5d. per lb., according to melting point, in bags; scale is offered for shipment at about £25 5s. per ton, c.i.f. U.K. port. PARAFFIN OILS are steady throughout: American standard white, 10½d.; water-white, 11½d. per gallon, barrels free; Roumanian water-white kerosene, 4½d. per gallon, ex tank. WHITE OILS are unchanged and steady: special No. 1, £23 15s.; No. 1, £23 2s. 6d.; No. 3 half-white, £20 10s.; No. 4 half-white, £19 10s. per ton, in free drums and barrels, ex wharf. SOLVENT NAPHTHAS.—Business is slow and market is inclined to be unsteady: 90 to 160, 1s. 1d.; heavy 90 to 190, 11½d. to 1s. per gallon, naked at works. PETROLEUM JELLIES.—A fair business is being done on a steady market: white to snow-white, £39 to £48 10s.; amber and yellow, £18 10s. to £22; dark stiff green, £11 17s. 6d. per ton, barrels free, ex wharf. LUBRICATING OILS.—The spot market continues generally steady and quoted prices are unchanged.

### New Zealand Kauri Gum

THE Kauri Gum Control Board reported that the net loss on the year's operations of the kauri gum industry amount to £24,783. The Board has decided that the interests of the producers could best be served by opening up a brokerage business and the selling of producers' gum on a commission basis to the Auckland exporters instead of exporting on its own account. The sales of Government gum have therefore been made to Auckland merchants instead of to manufacturers abroad. Re-exported gum amounted to 4,531 tons, the total value being £267,559, and the average value being £59 per ton. In 1922 it was £98 per ton. The Minister of Lands has stated that there is gum to the value of millions of pounds in the Northland, and that the Control Board was endeavouring to find a better means of preparing low-grade products for marketing. The Minister has appealed to the diggers, buyers and all concerned to co-operate and preserve an industry that will yet be of inestimable value to the Dominion.





Letters for this section should be written on one side of the paper only. Correspondents may adopt an assumed name for purposes of publication, but must in all cases furnish their real name and address to the Editor.

### Falling Hair

SIR,—I note the letter by "Inquiro" on falling hair (*C. & D.*, November 3, p. 560). I would suggest that the simplest method is to brush the hair night and morning with a stiff, hard or even a twig brush until the skin is reddened. Some preparation of jaborandi with a little of one of the antiseptic essential oils (such as geraniol or other pleasant perfume) to use as a lotion might be useful. Tatcho is certainly stimulating in some cases. The object is, of course, to improve the capillary circulation in the scalp and to prevent the action of fungus parasites on the hair bulbs.—Yours faithfully,

PRESBUS (5/11).

### Sixpenny Articles

SIR,—In the comments on my letter published in your issue of October 27, most of the replies seem to miss the essential points. Mr. Savage cannot convince me that there is any difference in the way Messrs. So-and-So's tooth-paste or vanishing cream is presented at the "sixpenny store" than at a chemist's. I do not grumble at selling a 6d. line, but if, by reducing this line to 5½d., I could double my sales and possibly sell other goods to the additional customers this brought into my shop, I should be money in pocket. Can "Sixpennuth" tell me of any other lines that pay a bigger profit in proportion than a 1½d. packet of Epsom or Glauber salts? *Re* "Ensemble," what cares the public about the overhead expenses of a chemist as compared with a "sixpenny store." If they can buy an article off a market stall at a lower price than elsewhere they will buy it.

Yours truly,

WILLIAM ELLIS.

Ilford.

### The Medicine-Taking Habit

SIR,—It may be that the medicine-taking habit is so firmly ingrained in insured persons (*C. & D.*, October 27, p. 521) that they do not consider the doctor is efficient unless he prescribes them something to take at every visit; but to do away with the right to make a change so as to ensure the doctor security of tenure might prove to be a double-edged weapon in practice. For besides securing their panel lists to those doctors who would conscientiously act in the best interests of the patient, it would also secure those other practitioners who seem to look on insured persons as an interference with their general practice, and therefore give them as little attention as possible. We know that, unfortunately, this is so in some cases from the complaints we hear from panel customers over the counter, and if we discount these complaints by half, there is still sufficient neglect remaining to constitute a real grievance. Further, whatever we, as pharmacists, may think of the actual use or benefits derived from the taking of drugs, there is still the psychological effect to be considered; a patient who believes that a bottle of medicine is going to do him good has started the first stage of his cure, and in many instances if he did not receive a script for a mixture his attitude of mind would have a correspondingly depressant effect, so that in this respect the prescribing of medicine may have a beneficial result not entirely due to the drugs themselves. When I was employed in a pharmacy abroad, some years before the war, none of the medical men ever prescribed colourless mixtures; they always added a syr. card. co. if there was no other colouration. On my remarking on this to one of them, he informed me that none of the inhabitants would think of taking a water-white mixture.—Yours truly,

COLOREM (6/11).

### Aspirin Poisoning

SIR,—When will the powers that be step in and do something to check the alarming number of fatalities from overdoses of this undoubtedly most valuable drug? At present one may purchase it in tablet form (12 x gr.v.) in penny packets from almost any general dealer or stores; the larger packets are as easily obtained. I notice that when properly qualified establishments supply it, the vendor, I might say invariably, makes some comment as to how they should be administered to obtain best results; but those who serve in grocers' shops and general stores have no knowledge of therapeutics or posology, and are content to hand them out indiscriminately, thinking only of the effect on the cash returns.—Yours, etc.,

H. CORBETT MEYRICK.

Liverpool.

### Leaders in Pharmacy

SIR,—From time to time a small voice raises itself above the din and expresses the opinion that if we had better leaders in pharmacy ours would, indeed, be a better lot. We are told how different things might have been if the Society had done this or the R.P.U. had done that. As a pharmacist "way down in the country," I am probably not so well versed in these matters as my urban brethren, although I am just as badly hit from the point of view of welfare centre, co-operative stores and grocery trade competition; but what has stirred me to raise my small voice is the following incident. I recently had the following prescription presented to me:—

P. sapo. dur....	...	...	...	3ijj.
P. os. sepiae,				
P. iridis	...	...	...	aa. 3ij.
Cretæ præc.				
Mag. carb. pond.	...	...	aa.	3ij.
Ol. eucalypt.	...	...	...	℥x.
Ess. bergamot.	...	...	...	℥xv.
Fiat. dentif.				

This I dispensed and charged as near the *C. & D.* Price List as possible, viz., 2s. in boxwood-top bottle, 1s. 8d. without container. I was informed by my customer that she had it sent post free from her former chemist for 1s. 3d. This chemist appears to be one chosen to represent us in a certain section of pharmacy. Truly the right hand knoweth not what the left hand doeth.

Yours faithfully,

AGRICOLA (1/11).

### Little Inconveniences

SIR,—In a recent report of an Insurance Committee meeting it states that the complaint was made that doctors were frequently called upon by insured persons for causes which were not urgent after they had made their daily rounds. I have no wish to see any doctor working overtime unduly, but one cannot help remarking that any little inconvenience to a medical man is promptly brought to light, while the chemist can suffer year in and year out without any notice being taken. I am well aware that a chemist is only obliged to dispense Insurance scripts after the normal opening hours when they are marked "Urgent," but how often does a customer present one within ten minutes or so after the door is shut for the night and explain that he has been unable to get there before? I suppose a chemist is legally entitled to refuse to dispense under such circumstances if the script is not marked "Urgent," but I imagine there are very few who would so refuse when it came to the point; and if they did and the customer complained, it is more than likely that the Committee would tell the chemist that he might have filled the script without such a rigid enforcement of hours or rules. Where are we to draw the line? I am the more moved to remark on this as I had a script brought by such a customer recently; and after I had opened the door and listened to his tale, when I took the script round to the dispensing counter I found it had been dated, and therefore presumably written, three days previously. And as regards the word "Urgent," I see nothing to prevent any insured person who has learned the dodge adding the word himself; and how is it to be found out if he does so?—Faithfully yours,

IMPOSEDON (30/10).



## Miscellaneous Inquiries

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for, and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

*H. W. P.* (17/9).—NERVE POWDER.—This power consists of 4 per cent. of potassium bromide and a crystalline substance the melting point of which is about 110° C. The sample was tested for aspirin, antipyrin, phenacetin, acetanilide, hexamine, etc., with negative result.

*Curious* (18/9).—WHOOPIING-COUGH REMEDY.—This is a dark red powder consisting apparently of nothing but hydrated ferric oxide.

*W. L. M.* (6/11).—MASKING RED PATCHES ON SKIN.—There are a number of substances soluble in alcohol which, when applied in the form of a solution to the skin, leave a thin layer of powder on the surface, not directly visible to the eye. Among such substances figure anti-febrin, coumarin and nerolin. A solution of antifebrin in alcohol is sold as liquid powder. Unna's method of treating red noses consists in the application at bedtime of an ointment composed of:—

Sulphur.	...	...	...	5j.
Pulv. amyli oryze	...	...	...	3iiss.
Ung. zinci	...	...	...	3iss.
Ol. rose gerani.	...	...	...	gtt. v.

*S. C.* (6/11).—All formulas for surgical spirit in which industrial methylated spirit is used must be submitted to the Board of Customs and Excise for approval. The following is a formula not containing boric or tannic acid:—

Castor oil	...	...	...	1 fl. oz.
Methyl salicylate	...	...	...	½ drm.
Industrial methylated alcohol	...	...	...	to 1 pint

*W. D.* (6/108).—SNAILS INVADING HOUSE.—Traps or poison bait could be tried, a formula for the latter being as follows:—

Calcium arsenate	...	...	...	1 part
Bran	...	...	...	16 parts

Rubbish heaps and other harbours of the pest should receive a liberal application of hot saturated solution of alum or 4 per cent. solution of copper sulphate, while sawdust soaked with carbolic acid or naphthalene could be used as a deterrent near the crevices where the snails enter the house.

*Plumbum* (16/108).—The paste used for filling the positive plate of the accumulator is made by mixing red lead and sulphuric acid. The addition of a little litharge improves the cementing properties.

*J. C.* (26/108).—RED SQUILL RAT POISON.—The paste form can be made according to the following formula:—

Red squill, chopped fine,	
Mcal,	
Barium chloride,	
Beef dripping	...

A liquid extract of red squill is made with a menstruum of glycerin 25 vols., acetic acid 2½ vols., distilled water to 100 vols. This is used to soak the bait used for attracting the animals.

*E. W.* (29/108).—PRESCRIPTION CHARGE.—According to the *C. & D.* Costing System the charge for the prescription is as follows:—

	d
Potas. iodid.	...
Liq. arsenical.	...
Vin. ipecac.	...
Tr. hyoscy.	...
Aq. chlorof.	...
Oncost	...
Container	...
	41.0

Charge 3s. 5d.

*W. O. R.* (29/108).—ODOUR OF CIGARETTE CASE.—The strong odour of "new leather" to which you refer is presumably due to birch tar oil, used in preparing "Russia" leather, and exposure to the air—sunlight may affect the colour of the leather—may in time remove it.

## Legal Queries

*W. B.* (30/810).—The doctor must state on the prescription the total amount of the "dangerous drug" to be supplied. Hyoscine is not a "dangerous drug," but if the tablet in question contains in addition a "dangerous drug" the doctor must indicate the amount of the latter.

*J. S. S.* (2/811).—The use of a surname in the possessive case, e.g., "Smith's Embrocation," in the title of a medicine, involves liability to medicine-stamp duty. The expression "Kills all pain" indicates that the preparation is a remedy for an ailment, and therefore renders it dutiable.

*F. J.* (3/811) asks for a detailed account of how to form a private limited company and a statement of the law relating to companies which carry on business under a trade name. [To answer the first part of the question would take a great deal more space than we can possibly spare, but excellent books on the subject of private companies can be obtained from Jordan & Sons, Ltd., 116 Chancery Lane, London, W.C.2, at prices ranging from 1s. 6d. upwards. A company may assume any name it likes so long as it is not the name of a company that is already on the file; but the names of all the directors must be disclosed on the business stationery whenever the name of the company appears. Particulars regarding the registration of companies, and of business names, are given in the *C. & D. Diary*.]

## Subscribers' Symposium

For interchange of opinion among "C. & D." readers and brief notes on business and practical topics.

### Frequency of Prescribing

With regard to the frequency of prescribing discussed in your editorial article, "Economy in Excelsis" (*C. & D.*, October 20, p. 492), I have seen some Insurance prescriptions lately for malt and oil and such things on which the doctor has written "To last seven days," or whatever the time may be, and these instructions have, by me at any rate, been duly transcribed on the label. It is good to know that some doctors feel their responsibility for the solvency of the fund.—*Eliminatit* (29/10).

### Reckoning Profits

All who mention profit percentages to me mostly think one can get any (figure of) percentage. I had a traveller lately who assured me that at the prices his firm's articles were sold the chemist had 125 per cent. profit. Most of the proprietary firms when urging (in their literature) chemists to buy quote the percentage on buying prices. I have had two screaming circulars from one firm within a week, announcing, on the strength of 1½ dozen (I think, writing from memory, as the circulars have gone to swell the town's refuse dump) "given" with gross order, for "window show," 50 per cent. profit when the 13½ dozen have been sold. Of the cash received from the "sales" two-thirds have been paid to the maker of the article; one-third is gross profit—33½ per cent. It is high time chemists told proprietors to state their figures correctly.—*Demosthenes* (9/9).

## Retrospect of Fifty Years Ago

Reprinted from  
The "Chemist and Druggist," November 15, 1878

### A Popular Verdict

The prosecution of Mr. Shepperley by the Apothecaries' Society occupied the Court of Exchequer a day and a half last week, and resulted in a verdict for the defendant, with costs. Two charges of counter practice were specifically presented, but the jury found for the defendant in both. Baron Pollock's summing up, however, indicates that the law is in favour of the claim made by the apothecaries. Several influential organs of public opinion have commented on this case, and all express satisfaction at the verdict.

(Owing to pressure on space, this week's instalment of the *Commercial Compendium* is held over.)



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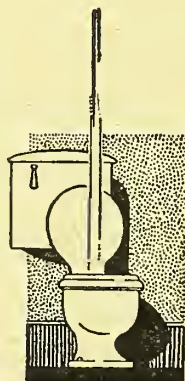
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*William Danson, M.P.S.*

Chemist and Druggist.

*301, Regent Road,  
Salford.*

Sept. 24th, 1928

Messrs. Gollin & Co.  
Gentlemen,

Recently I made a display of 'ASPRO' along with two other brands of Aspirin Tablets. It was remarkable that during the period I sold about 6 Dz. 'Aspro' but only about  $\frac{1}{2}$  Dz. of the other two together.

Yours faithfully,

*William Danson*

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Half Gross Order - Bonus  $\frac{1}{2}$  dozen packets  
Half Gross 10's is minimum order accepted for Bonus purposes.

**BONUS on 25's** { One Gross Order - Bonus 2 dozen packets  
Half Gross Order - Bonus 1 dozen packets  
Quarter Gross Order - Bonus  $\frac{1}{2}$  dozen packets  
Quarter Gross is minimum quantity.

### NO BONUS ON 60's.

## CONDITIONS

The only conditions made are that the Chemist who buys on these terms undertakes to show Advertising matter in his shop window for 14 days and sell at advertised prices. As 'ASPRO' is so extensively advertised, this action will not only bring customers into the Chemist's shop to purchase 'ASPRO' but should enable the Chemist's staff to make other sales to the customers. Acceptance of Bonus is considered acceptance of conditions regarding display and selling prices. For Bonuses it is not necessary to buy both sizes at the same time, i.e., in single lots 6 dozen 10's or 3 dozen 25's will qualify the Chemist.

## HOW TO ORDER BONUS PARCELS

We do not sell direct to the Chemist. All our business goes through Wholesalers. Orders may be sent either to your Wholesaler or direct to us. If to us, state the name of your Wholesaler so that we may forward the order on, and the Bonus will be supplied direct by us.

ORDINARY PRICES for { 6d. size containing 10 tablets, 4/6 dozen } NOTE—2/6 size contains  
'ASPRO' are as follows: { 1/3 size containing 25 tablets, 11/6 dozen } 10 extra tablets.  
2/6 size containing 60 tablets, 21/- dozen }

'ASPRO' consists of the purest Acetyl Salicylic Acid that has ever been known to Medical Science, and its claims are based on its superiority.  
Agents—GOLLIN & CO. PTY. Ltd. ('Aspro' Dept.), SLOUGH, Bucks. Phone: Slough 608.

No proprietary right is claimed in the method of manufacture or the formula.



PRICES OF BULK AND  
PACKED OINTMENTS  
UPON APPLICATION.

## WHITE PINE COUGH SYRUP

IN ATTRACTIVE CARTONS

**SHEN WORKS,  
TOWER BRIDGE RD.  
LONDON, S.E.1.**

# MEL ROSE Tablets

## this winter

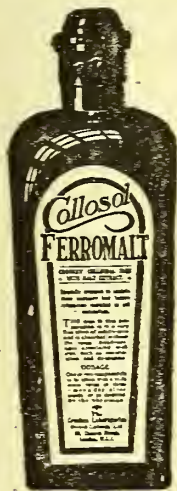
*Sole Manufacturers:*  
**ROBERTS &  
SHEPPEY,**  
2 Skipton Street,  
London, S.E.1.

**ONZO Ltd., 188 St. Vincent Street,  
GLASGOW.**



# COLLOSOL FERROMALT

(CROOKES)



Daily increasing in popularity with both the medical profession and the public. Collosol Ferromalt is now supplied in an attractive packing, admirably adapted for counter display.

Collosol Ferromalt gives a satisfactory margin of profit, and the assurance of complete satisfaction to your clients.

TERMS AND PARTICULARS FROM  
THE CROOKES LABORATORIES  
(BRITISH COLLOIDS, LTD.),

22 CHENIES STREET, LONDON, W.C.1

Telephone Nos.:  
Museum 3663, 3697, 5757.

Telegrams:  
"Colossally, Westcent, London,"

THE MOST SUCCESSFUL  
IRON TONIC on the  
MARKET.

Export Distributing Agents, AYRTON, SAUNDERS & CO., LTD., LIVERPOOL.

May we call your

attention to:—

## PETROLAX

(BROWN CARTON)

(REGISTERED TRADE MARK)

THE IDEAL PARAFFIN AND AGAR-AGAR EMULSION

## PETROLAX COMPOUND

(RED CARTON)

A COMBINATION OF PETROLAX AND PHENOLPHTHALEIN

## PETROLAX ALKALINE

(BLUE CARTON)

A COMBINATION OF PETROLAX AND MIST. MAGNES. HYDROXIDI

Note the Prices:—RETAIL 2/- (Nominal  $\frac{1}{2}$ lb.) 14/- doz.

„ 3/6 ( „ 1lb.) 24/- „

„ 6/- ( „ 2lb.) 44/- „

Stocked by the leading Patent Houses, or direct from the SOLE MANUFACTURERS:—

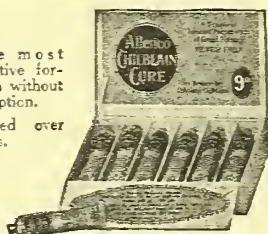
### C. R. HARKER, STAGG & MORGAN, LTD.

Mile End, London, E.1



**3 GOOD  
WINTER  
SELLERS**

The most effective formula without exception. Proved over years.



An attractive ART CATALOGUE is yours for the asking. All Pharmacists should send a request NOW. Contains a collection of "PACKS" and Show that make your windows alive and pay the rent. Profits on a liberal scale not beaten by any House. Write for particulars and prices to—

**R. H. ALLEN & CO., Manufacturing Chemists,**  
SYDENHAM, LONDON, S.E.26.



"Allenco" Snuff. A proved Rapid Seller with quick repeats.

"Oilex" Chest Soother. An established favourite Inhalant Ointment. Never remains on the shelf.

"Allenco" Chilblain Cure. An old favourite. There is no better.

**The Pastilles that sell**

Lakerol Pastilles are well known and appreciated, and the new advertising campaign that has now been launched will make the demand still greater. Large spaces in leading National and Provincial papers are telling the public of the merits of these world famous pastilles. Are you stocked to meet the demand?

*Make more Profit with*  
**LAKEROL**

Sell to the Public at - - - 1/3  
Price to Chemist - doz. 10/-

BONUSES GIVEN ON ALL PURCHASES.

Full details of generous offers on application to:

**PASTILLES LTD.**

124 High St., Shoreditch, London, E.1

**PRESS ADVERTISING  
IS BOOMING**

**HOW ARE YOUR STOCKS ?**

Supplies from every Wholesaler.

The Fuller Laboratories, 1, Crutched Friars,  
London, E.C. Telephone: Royal 8592.

*The 'Yadil'*  
*boom has*  
*begun. Are*  
*you participating ?*

Don't let the man in the next street do all the business.

*We shall be happy*  
*to help you if*  
*you will write us.*

**YADIL PRODUCTS (1925) LIMITED**  
Sicilia House, London, W.C.1

CHEMISTS SHOULD ALWAYS HAVE IN STOCK

**TOWLE'S  
PENNYROYAL & STEEL PILLS**

Advertised all over the world.  
ESTABLISHED 100 YEARS.

Sole Proprietors:

**E. T. TOWLE & CO., LTD.**  
TOLL ST., NOTTINGHAM





**A-TISHOO**

**KEEP  
YOUR CUSTOMERS  
WELL SUPPLIED  
WITH**

**Peps**  
**FOR**  
**COUGHS, THROATS & BRONCHITIS**

**1/3 & 3/- Box**  
**All Chemists**



# Genoxide

PEROXIDE  
OF  
HYDROGEN  
B.P.


STABLE TO THE  
LAST DROP.

In 3 popular sizes,  
retailing at:

4 oz.	..	1/-
8 oz.	..	1/6
16 oz.	..	2/6

P.A.T.A.

**GENEROUS  
MARGIN OF  
PROFIT—  
MINIMUM  
50%**

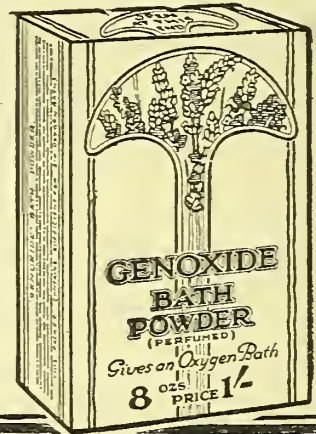


PERFECT PEROXIDE  
OF HYDROGEN  
FOR  
MOUTH, TEETH,  
THROAT, WOUNDS

8 oz.  
1/6

## GENOXIDE BATH POWDER

A genuine Oxygen bath powder. Subtly perfumed, fully effective and packed in attractive cartons. "Genoxide" Bath Powder sells at popular prices which will increase the demand for medicated Bath Powders



RETAIL PRICES.

8 oz. 1/-

16 oz. 1/9

Terms to Trade—  
7/- per dozen 8 oz.  
packets, 12/- per  
dozen 16 oz. packets.

GENOXIDE LTD. LUTON

## YOU CAN SELL MORE SNOWFIRE

Everybody needs Snowfire. Most people know how splendid it is for chapped hands and cracked lips and for all cold-weather conditions of the skin. Let them know that you stock this useful little tablet. Display Snowfire on your counter and sales will keep on the upward grade all the winter.

## Snowfire TABLET

CARTONS AND NICKEL-PLATED CASES

You should stock up well with these Snowfire lines—they are splendid all-the-year-round sellers:—

Snowfire Cream	Snowfire Face Powder
" Jelly	" Toilet Soap
" Shampoos	" Shaving Sticks

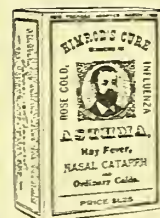
F. W. Hampshire & Co. (1927) Ltd.,  
Riverside Works, Derby.

Agents: India—Messrs. Siqueira & Son, 121 Fort St., Fort,  
Bombay, India. Australia—Messrs. Salmon & Spraggon  
(Australia) Ltd., 218, Kent St., Sydney, N.S.W., Australia.

EVERY SALE OF

## HIMROD'S Asthma Cure

CREATES A SATISFIED CUSTOMER  
SUFFERERS SEEKING RELIEF FROM



The paroxysms of  
**BRONCHIAL ASTHMA**  
Asthmatic Hay Fever  
Common Colds  
Nasal Catarrh  
Bronchitis

Will be quickly helped by the use of this time-tried remedy.  
Burn half a teaspoonful, inhale the fumes and the distress vanishes.

ON THE MARKET FOR OVER 50 YEARS

"Himrod's Cure is a well known product, very useful in many cases."  
—W. J. Hadley, M. D., formerly lecturer at London Hospital.

May be had from wholesale distributors throughout the world

**Himrod Manufacturing Company, Mfrs.**  
JERSEY CITY, N. J., U. S. A.



# Glaxo

## GLAXO FOOD PRODUCTS.

	RETAIL	NET TRADE PRICE
GLAXO—Standard Full-cream	1/6	14/5 per doz.
GLAXO—Standard Full-cream	2/6	24/- per doz.
GLAXO—Standard Full-cream	4/6	43/2 per doz.
GLAXO—Standard Full-cream	7/6	72/- per doz.
PRESCRIPTION (Humanised)		
GLAXO .. .. .	2/-	19/3 per doz.
PRESCRIPTION (Humanised)		
GLAXO .. .. .	4/-	38/5 per doz.
GLAXO MALTED FOOD ..	1/3	12/- per doz.
GLAXO MALTED FOOD ..	2/4	22/5 per doz.
GLAX-OVO .. .. .	1/6	14/5 per doz.
GLAX-OVO .. .. .	3/3	31/2 per doz.
GLAX-OVO .. .. .	6/-	57/7 per doz.
GLAX-OVO (7 lb. tins) ..	16/6	13/3 per tin
GLAX-OVO MIXER ..	2/-	1/7 each

★ Known by nurses as Sunshine Glaxo.

## GLAXO TOILET REQUISITES.

	RETAIL	NET TRADE PRICE
*GLAXO BABY SOAP (3 in box) ..	1/6 per box	13/6 per doz.
GLAXO BABY CREAM ..	1/6 per tube	13/6 per doz.
GLAXO BABY POWDER ..	1/- per tin	9/- per doz.

\* In Irish Free State soap prices are one-third more

# Ostelin

## OSTELIN PREPARATIONS.

	RETAIL	TRADE DIS-COUNT
OSTELIN in GLY-CERIN ..	2/6 per 8 c.c. phial	25 per cent.
Ditto in bottles of 2, 4, 8, or 16 oz.	6/3 per ounce	25 per cent.
VETERINARY OSTELIN ..	4/6 per ounce	25 per cent.
OSTELIN TABLETS	2/6 per bottle of 45	25 per cent.
OSTELIN TABLETS	12/6 per bottle of 250	25 per cent.
OSTELIN EMULSION or CREAM	2/6 per 8 oz. bottle	25 per cent.
OSTELIN & PARATHYROID TAB-LETS ..	8/9 per bottle of 100	25 per cent.
OSTELIN .. AM-POULES (1 c.c.)	3/- per box of 3	25 per cent.
OSTELIN .. AM-POULES ..	8/6 per box of 10	25 per cent.
ELIXIR OSTELIN for dispensing ..	5/8 per 1/2 lb. bottle	25 per cent.
ELIXIR OSTELIN for dispensing ..	10/- per 1 lb. bottle	25 per cent.
OSTOMALT (Oste-lin, Malt Extract and Orange Juice)	2/6 per 1/2 lb. jar	20 per cent.
OSTOMALT (Oste-lin, Malt Extract and Orange Juice)	4/- per 1 lb. jar	20 per cent.

Ostelin is now entirely tasteless.

## Order through your usual Wholesaler

# maltINE

MALTINE PRODUCTS	SMALL	LARGE	HOSPITAL SIZE
MALTINE, Plain ..	2/3	4/-	15/6
MALTINE with COD-LIVER OIL (30%)	2/3	4/-	15/6
MALTINE with CAS-CARA SAGRADA	3/-	5/6	22/6
MALTO-YERBINE (fluid)	3/-	NH	30/-
MALTINE with CRE-OSOTE ..	3/-	5/6	22/6
MALTINE with PEP-SIN and PANCREA-TIN ..	3/-	5/6	22/6

TRADE DISCOUNT OFF ABOVE PRICES, 25 per cent.

MALTINE is a malt extract of high diastatic power and contains Vitamin B in notable proportion. In combination with cod-liver oil certified to be exceptionally rich in Vitamins A and D, it presents a completely proportioned food of great therapeutic value. MALTO-YERBINE presents MALTINE in conjunction with an active extract of Yerba Santa, thus providing an admirable nutritive and expectorant mixture which contains no opiates.

# Glaxo Feeder

## AND ACCESSORIES.

	RETAIL	NET TRADE PRICE
GLAXO COMPLETE FEEDER (8, 4, or 2 oz.)	1/6 in carton	13/6 per doz.
GLAXO SPARE FEEDER (8 oz. only) ..	1/- in carton	9/- per doz.
GLAXO TEATS (7 varieties) ..	4 1/2 d. each	3/4 1/2 per doz.
GLAXO VALVES ..	3 1/2 d. each	2/7 1/2 per doz.
ALUMINIUM FOOD MEASURE ..	6d. each	4/6 per doz.
FEEDER MOP ..	4d. each	3/- per doz.
*MATERNITY BELT (2 sizes) ..	7/6 each	6/- each

\* Not sent on approval

GLAXO TEATS.—In addition to the usual teat pierced with a single square hole, there is a fine-hole teat with a very small opening; also a premature teat for use with small feeders, and a "blind" teat which can be pierced with a needle as desired. Other varieties are pierced with one, three, or five-leech-bite slits.





*When you require  
Medicinal Non-Freezing*

# COD LIVER OIL B.P.

be sure to only get the  
guaranteed genuine

**LOFOTEN**  
Quality

**"VITA" BRAND**

produced by

**RAGNAR SCHJØLBERG,**  
Bodø, Norway

entirely in their own large and most  
modern plant of latest design, from  
finest possible obtainable quality  
Pure Lofoten Cod Liver Oil.

**PROTECT YOURSELVES**  
against inferior or mixed oils by  
placing your orders for "Vita"  
Brand under our guarantee.

**STOCKS ALWAYS HELD IN LONDON**

*Full particulars and samples from :*

**BRUCE STARKE & Co.**

16 Water Lane,  
Great Tower Street,  
LONDON, E.C.3

**SOLE AGENTS FOR U.K.**

*Telegraphic Address: "Starkemad, Bilgate, London."  
Telephones: Royal 0137 & 0138.*

## BRITISH PRODUCTS

# FERRIGEN

AND

## FERRIGEN WITH STRYCHNINE

Ampoules of Iron Arsenate, and Iron  
Arsenate with Strychnine, for painless  
intramuscular injection.

Both come under **PART 2**  
of the Schedule of Poisons.

*Prepared and extensively advertised by—*

**ROBERTS & CO.**

*Pharmaciens to H.M. the King,*

**76 NEW BOND STREET, LONDON, W.1**

## QUITE APART

from the fact that we stock  
the largest assortment of

## FOREIGN PROPRIETARIES

we stock all the

**ENGLISH PATENTS  
and PROPRIETARIES**

and

**OUR SERVICE IS GOOD**

*Price List on application.*

**BROOKS & Warburton**

40-42 Lexington Street, LTD.  
LONDON, W.1.





A BRITISH

PRODUCT

# PLASMONA

## THE BLOOD & NERVE FOOD

It is worth your while to stock it because

There is a steadily increasing demand,  
Medical Men are highly interested and  
recommend it to their patients,

It is extensively and intensively advertised,  
There is not the slightest risk, owing to its  
being supplied, if desired, on sale or return.

It is on the P.A.T.A., and approved by

The BRITISH MEDICAL ASSOCIATION

and

The BRITISH ANALYTICAL CONTROL.

PLASMONA is packed in attractively decorated containers, specially designed to ensure its keeping properties, by protecting it against any undesirable external influence.

8 oz. size - 5/-

4 oz. size - 2/9

less 25% discount,

For quantities of 1 dozen and upwards a further 2½% on monthly accounts.

DUMMY TINS, PAMPHLETS AND SHOWCARDS SUPPLIED ON REQUEST.



PLASMON LTD  
FARRINGTON ST  
LONDON



# PURE MALT EXTRACT

with *FINEST*

## NORWEGIAN COD LIVER OIL

*The Brand that does not separate nor crystallize.*

*Your own name and address on labels. In English jars, etc. Direct from the actual manufacturers.*

**THE BRITISH DIAMALT COMPANY**  
SAWBRIDGEWORTH - - - HERTS.

### DISPLAY IT AND IT SELLS & *Sells* **Nonn** FOR NERVES RESTORES SELF-CONFIDENCE

NONN for MEN  
(Red Cartons)

P.A.T.A.  
3/- per carton

NONN for WOMEN  
(Blue Cartons)

(Wholesale)  
27/- doz.

Proprietors of NONN Ltd, 45 Gordon Square, London, W.C.



### CACHETS "FINOT"

(White or Coloured)

With inscriptions in any desired tint; also Plain or Embossed.  
"A distinction all their own."—C. & D.  
"Perfection of Cachets."—*Lancet*.

These Cachets are especially adapted for Headache, Neuralgia and other powders.

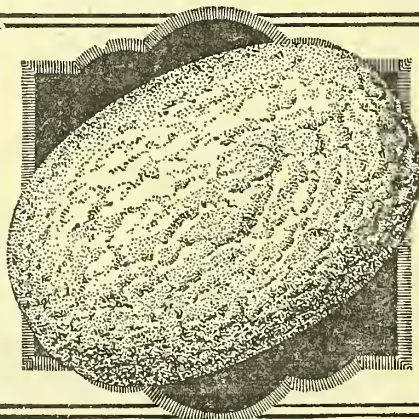
COOPER SON & CO. LTD., 80 Gloucester Road, SOUTH KENSINGTON.  
In 17 Sizes to fit the various types of Cachet Machines.

REMOVES  
GREASE,  
OIL,  
PAINT,  
TAR, &c.,  
from  
CLOTHES,  
FABRICS,  
SHOES.

### TEMPLETON'S **KLEN-GREZ**

Retails at 1/-  
**James Templeton & Co.**  
40 Battlefield Rd., Glasgow,  
S.2

SAVES SOAP  
SAVES TIME  
NON-  
Inflammable  
PLEASANT  
ODOUR  
FIXES DYES



Two thirds  
actual size

## Bath Rusks

Unsolicited testimonials daily for Carr's famous Bath Rusks which are ideal for babies and young children. Scores of letters from grateful mothers. Recommended everywhere.

Made only by  
**CARR'S** of Carlisle  
*The Oldest House in the Trade*





# EXVITIS VITAMIN MALT

contains VITAMINS A, B, C, and D,  
the factors essential for perfect nutrition.

Supersedes the usual Extract with  
Cod Liver Oil.

The taste is improved so as  
to render it more acceptable  
to children and invalids.

Supplied in jars  
retailing at  
**1/9 & 3/-**  
P.A.T.A.

**BURGOYNE, BURBIDGES & CO., LTD.**

**EAST HAM, E.6**



**LYCO***Pure Culture  
Yeast Tablets**Literature and Samples supplied on request by:***STANDARD YEAST  
CO., LTD.  
LONDON  
CHISWICK  
W.4****Guarantee***Our Lyco Yeast Tablets are  
expressly guaranteed to contain  
pure Culture Yeast only and  
no addition of drugs or any  
other ingredients is made in the  
preparation of Lyco Yeast  
Tablets.**Build up your Strength**Terms and full particulars on application to the Sole Manufacturers :***THE STANDARD YEAST CO., LTD.**

Lamb Distillery - - - CHISWICK, LONDON, W.4

Telephone : CHISWICK 3370-71.

**Up!  
Up!  
Up!**

go the Horlick's sales.  
Extensive advertising on  
new lines is increasing  
the demand every day.  
Are you displaying  
Horlick's prominently?

**HORLICK'S  
FITNESS**

Made in England by  
HORLICK'S MALTED MILK CO., LTD.,  
SLOUGH, BUCKS.

ORDER NOW  
FOR WINTER  
TRADE.

**MASON'S  
Ginger Wine Essence****QUICK  
SALES****GOOD  
PROFIT**

Liberal Window Show Allowance  
Artistic Display Material

SEND FOR PRICES.

**NEWBALL & MASON, LTD. NOTTINGHAM**



# SANTONIN

THE demand for Santonin is universal. In all the markets of the world, customers require a guarantee that the goods are the genuine Russian product from THE SANTONIN WORKS, TCHIMKENT, TURKESTAN.



*Sole Representatives of the  
Tchimkent Santonin Factory*

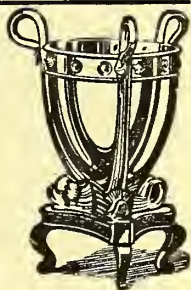
**ARCOS LTD.**

33 King William St.,  
LONDON, E.C.3.

*Packed in Bottles  $\frac{1}{4}$  oz.,  $\frac{1}{2}$  oz. & 1 oz.  
Obtainable from usual Wholesalers.*



*In the last  
5 years  
the sales of*



**TOWN TALK**

**LIQUID SILVER POLISH**

**& SILVER PLATE CLOTH**

**have increased  
3 Fold**

**Get your share of the  
trade by ordering from**

**JAMES WOOLLEY, SONS & CO., Ltd.,  
Manchester**

**AYRTON, SAUNDERS & Co., Ltd., Liverpool**  
**BROOKS & Warburton (American Drug  
Supply Co.), Ltd.**



**Town Talk Polish Co.**  
Whitby St., Bradford Road, Manchester

# CELLOPHANE

The ideal **transparent** wrapping **absolutely** harmless, air and grease proof, as used by all the leading Perfumers, Soap Manufacturers, etc., etc., for wrapping Soap, Drugs, Tablets, Bath Crystals, Perfumery, Surgical Dressings, Sponges, Puffs, Soothers, Tooth Brushes and all Articles of Toilet.

Cellophane can be had in sheets, all sizes and colours; also in the shape of **Bags, Discs, Envelopes**, printed or not, allowing the contents to be seen by transparency.

Cellophane wrapped goods **look better—keep better—sell better.**

Cellophane **protects, beautifies** and adds the quality touch.

*Prices, Samples and Particulars from*

**The CELLOPHANE COMPANY LTD.**  
7, 8 and 9 Bird Street, LONDON, W.1

Also 305-7 PRODUCE EXCHANGE, MANCHESTER.  
35 MILLER STREET, GLASGOW.





## The "Charlotte" (Regd.) Hot-Water Bottle Cover

### PRICES.

	Best Quality.	2nd Quality.
8 × 6 in. ...	20/3	12/- doz.
10 × 6 in. ...	21/6	13/- "
10 × 8 in. ...	23/-	15/- "
12 × 8 in. ...	25/-	16/- "
12 × 10 in. ...	26/6	18/9 "

Supplied in plushette, pink or grey.

THE ONLY SATISFACTORY HOT  
WATER BOTTLE COVER ON THE  
MARKET.

—NO MORE BURNS—  
STOPPER COVERED COMPLETELY.

Introduced by

C. J. HEWLETT & SON, Ltd., 35—42, Charlotte Street, LONDON, E.C.2.

THE ORIGINAL BRAND  
**TOINOCO**  
ASEPTIC PAPER HANDKERCHIEFS

THE BRAND THAT HAS CREATED THE DEMAND FOR  
**PAPER HANDKERCHIEFS**

"SILKY-FIBRE," 50 for 2s. Other varieties 10d., 1s., 1s. 3d. and 1s. 9d., all in Cartons of 50.  
Regularly advertised they sell well where displayed. It is the one the discriminating purchaser wants.

FROM ALL WHOLESALE HOUSES or from—

THE TOINOCO HANDKERCHIEF CO., LTD., 55 HATTON GARDEN, LONDON, E.C.1

**"Wimaco" Specialities, British and Best.**  
**MONARCH SEAL QUININE PESSARIES**—Full Strength Guaranteed

INSIST ON WIMACO MONARCH SEAL BRAND (Regd.). THERE IS NO SUBSTITUTE FOR WIMACO.  
WINCHESTER MANUFACTURING CO., LTD., ISLE WORTH, MIDDLESEX

To increase your  
CRÉPE BANDAGE sales  
— display

**NORVIC**  
BLUE CARTON  
CRÉPE BANDAGES

Satisfied customers are an asset.

### PROTECTED PRICES.

2" 2½" 3" 3½" 4"  
Cost: 12/- 15/3 18/3 21/3 24/3  
Sell: 1/6 1/11 2/3 2/8 3/-

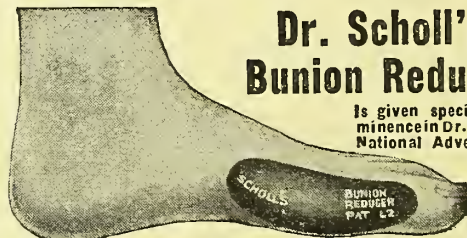
Stocked by all the leading wholesalers

Grout & Co., Ltd., 35 Wood St., London, E.C.2



**Dr. Scholl's**  
**Bunion Reducer**

Is given special pro-  
minence in Dr. Scholl's  
National Advertising.



Sales of this popular line continue to soar. A window display will attract the demand to you. Thousands are daily obtaining relief from and correction of their bunion troubles by its use. Made of pure Para rubber. Men's and women's sizes. Rights and Lefts. Retail price 2s. 6d. each.

Write to-day for full particulars.

The Scholl Mfg. Co., Ltd., Granville Square, W.C.1.

# Surgical Rubber Goods

VENUS, OWL, GODIVA  
& BALLOON BRANDS.

NOTICE.—Several instances of the sale of VENUS BRAND goods other than their make having been brought to the notice of Joseph Harris & Co., their Solicitors are instructed to take proceedings against anyone (Makers or Vendors) fraudulently using the name or design of VENUS or any imitation thereof in connection with Seamless Moulded Goods.

SEAMLESS MOULDED SURGICAL GOODS, PESSARIES, HOT WATER  
BOTTLES, URINALS FOR NIGHT OR DAY USE. Wholesale & Export Only.

JOSEPH HARRIS & CO., Rubber Works, Broadheath, Altrincham.



**Best sellers**  
The public is asking  
for **ZEAL**  
**CLINICAL**  
**THERMOMETERS**  
because they are:-  
**GUARANTEED TO**  
**STAY ACCURATE**  
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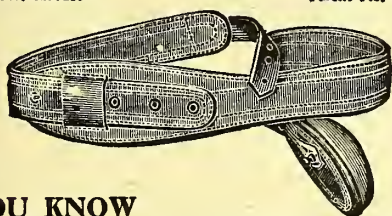
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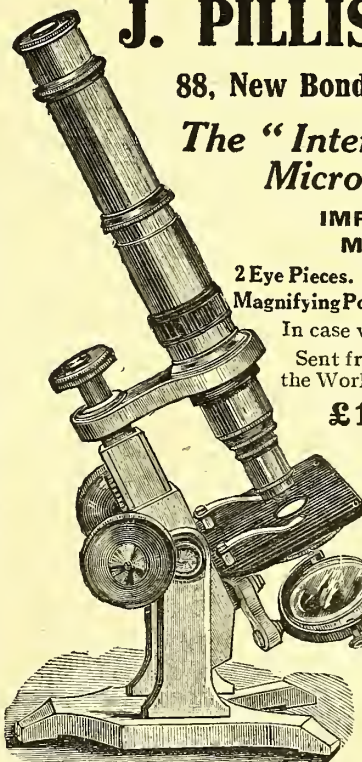
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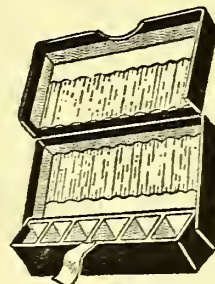
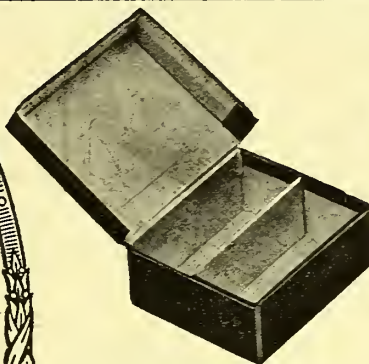




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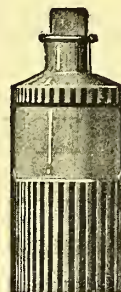
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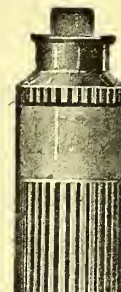
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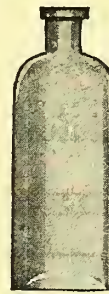
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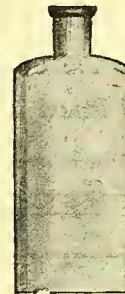
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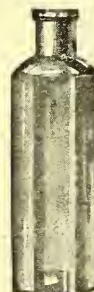


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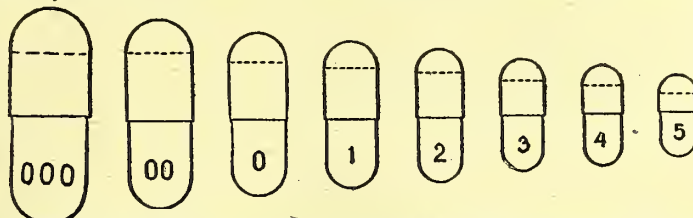
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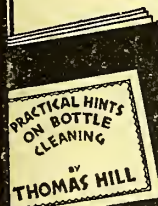
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42 CANNON ST.  
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NOVEMBER 10, 1928

*This Supplement is inserted in every copy of The Chemist & Druggist.*

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- 5.—STAFFS DISTRICT.—Excellent opportunity for qualified man. Drug and Photographic Store on lease 5 years to run at £40 p.a.; returns £10 per week; could be easily trebled; good living accommodation; full particulars on application. (169)
- 6.—HULL.—Dispensing and Family Chemist Business in busy thoroughfare (which will shortly become a main road owing to alterations); rent £26 on a yearly tenancy, which can be secured; returns £900 p.a.; lock-up shop; good prospects for a young qualified man. Further particulars on application. (170)
- 7.—SOMERSET.—Drug and Photographic Business; premises, which consist of lock-up shop with room at rear, held on lease with 8 years to run at rental of £88 p.a. inclusive; good scope for live man; price asked £400. (178.)
- 8.—LONDON, S.W.—Very old-established Family Retail and Dispensing Business, occupying prominent corner position in busy thoroughfare; lock-up shop with storage accommodation; held on advantageous lease at £100 per annum; returns approximately £2,300 per annum; can be increased under personal management. Full particulars on application. (148)
- 9.—LONDON, N.—Old-established Retail Dispensing Cash Pharmacy, with N.H.I.; well fitted and good stock carried; premises, which consist of nice pharmacy, dispensary and six rooms, to be disposed of freehold at £1,250; returns average approximately £24 per week; can be increased with capital; no reasonable offer refused. (182)
- 10.—LONDON, N.W.—Retail Dispensing Business on 13 years' lease at £52 per annum inclusive; returns £1,000 p.a.; excellent opportunity for young qualified man. Further particulars on application. (183)
- 11.—SHEFFIELD.—Established on February 1 last; turnover £12 to £15 per week; rent £40 per annum; five years' lease from February 1; stock about £400, fixtures £300-£350. Further particulars on application.
- 12.—SOUTHEAST-ON-SEA.—For immediate Disposal, Chemist's Business, in busy centre; premises consist of lock-up shop, with Dispensing and storage room; rent £200 per annum, progressive; returns average £1,500, could be increased. Full particulars on application. (175)
- 13.—WANTED.—Two Chemists' Businesses in or near London; net profits not less than £1,000 per annum. All communications treated with strictest confidence.
- 14.—CARMARTHENSHIRE.—Old-established Chemist's Business situated in good position on main street, with living accommodation; held on lease for 7-14 years; rent £400 p.a.; returns average £35-£40; could be increased; stock approx. £8-900. Further particulars on application. (176)
- 15.—LANCS.—Old-established Chemist's Business, with Wine Licence; premises consist of shop and dwelling-house; property for sale, £1,000. Full particulars on application. (177)
- 16.—WHOLESALE.—We have for disposal an old-established Business of Druggists' Sundriesmen having to vacate premises owing to termination of lease; are willing to dispose of their stock-in-trade, valued approximately £3,000/5,000, to wholesale house at cost price and to transfer goodwill of business; turnover approximately £15,000 p.a. Consideration, owner being employed by firm on terms agreeable.
- 17.—LONDON, N.—Established Chemist's Business; premises, which include convenient living accommodation, held on lease, 15 years to run; rental £50 p.a.; stock approx. £285; price asked £550, all at. Further particulars on application. (180)
- 18.—LONDON, S.E.—Old-established Dispensing and Family Business; in good position; returns average £20 per week; well-fitted shop; good scope for young and energetic chemist; price, all at £550. Full particulars on application. (184).

Stocktaking and Valuation of Businesses undertaken at moderate inclusive fee. Chemists are invited to consult us in respect of their requirements in connection with sale or purchase of businesses. Chemists in the North are requested to communicate with our Liverpool Offices.

## BERDOE & FISHER

CHEMISTS' VALUERS AND TRANSFER AGENTS

41 Argyle Square, KING'S CROSS, W.C.1

(One minute from St. Pancras and King's Cross Stations)

- 1.—GLOUCE.—Good-class Light Country Retail, pleasantly situated; quite unopposed; returns approach £3,000, under manager; good profits; splendid house, every modern convenience; same hands many years; price £2,000; freehold £2,500.
- 2.—HOME COUNTY.—Old-established Business, in central position of progressive industrial town; returns approach £3,000; under management; books audited; scope for increase; heavily stocked; price £2,600.
- 3.—SOUTH COAST.—Good-class Business, with branch; earning £2,200; returns £4,400; living accommodation at branch; price £3,500, or valuation terms arranged.
- 4.—DERBYSHIRE.—Profitable Light Retail, in unique position of busy market town; returns £40 weekly; low expenses; large house; garage and garden; fully stocked; price £1,400, worth attention.
- 5.—OXON.—Sound Light Retail, with Kodak Agency; returning £2,200, under manager; books audited; good position; scope for increase; price £1,350; recommended.
- 6.—SOUTHAMPTON (Near).—Light Cash Retail, with Kodak Agency; returns over £1,900; scope for increase; audited accounts; large shop with house available; garage, etc.; well fitted and stocked; price £1,500, or near offer.
- 7.—YORKSHIRE COAST.—Light Retail Dispensing and Photographic, in popular resort; returns £2,350; excellent stock of good house and pharmacy; price £1,850.
- 8.—WILTS.—Unopposed Mixed Country Retail; returns 1 year nearly £1,500; net profit £400; large house, garden and storage; owner going abroad; price with freehold £1,350.
- 9.—CHESHIRE.—Sound Cash Retail, with large Pan returns £950; net profit £338; low rent; house attached; excellent stock; price £500.
- 10.—LONDON, N.—Cash, working-class, Retail Business; unopposed; returns £24 weekly, increasing; long lease; well fitted and stocked; price £750; worth attention.
- 11.—LONDON, S.W.—Well-established, Light, Cash Retail with N.H.I.; returns £2,000, under manager; low expenses; good stock; price £1,150.

### STOCKTAKING VALUATIONS.

We are now booking dates for November onwards, and invite early application. Terms on application.

Estab. 1870.

Telephone: Terminus 3574

## Write ERNEST J. GEORGE

ABOUT THE BUSINESS YOU HAVE TO SELL OR REQUIRE.

Private Register kept of Businesses For Sale and Required. Strictest confidence observed.

7-SOUTHAMPTON ROW, LONDON, W.C.1

3 St. Paul's Close, WALSALL Tel.: Holborn 8158 Tel.: 774 & 1000 Walsall

## JOHN BRIERLEY, F.N.A.A.

CHEMISTS' VALUER AND TRANSFER AGENT  
135 QUEEN ST., NEWTON HEATH, MANCHESTER

LEEDS.—Returns £1,000 p.a., house, low rent, £325.

STOKE-ON-TRENT.—Returns £1,250 p.a., price £750.

BOLTON.—Choice of three splendid propositions, £700/£2,000.

MANCHESTER (and near).—Several exceptional offers, £250/£3,000. (Tel.: Failsforth 413.)

### PARTNERSHIPS.

PARTNER wanted in old-established Medical and Druggists' Stores; energetic young man with £250 would have good opportunity as successor to business; or proprietor would sell out if employed by firm; main thoroughfare; large town, Berkshire. "E. A." 14/23, Office of this Paper.

PARTNERSHIP offered in an old-established Chemist's Business near Bristol; advertiser, having manufacturing interests, wishes to be relieved of management of Retail; good scope for development of modern business-building ideas, also for introduction of an Optical Department; moderate capital required. Apply 17/25, Office of this Paper.

WANTED, a qualified Chemist, with £400 capital, as Partner in old-established Herbal and Drug Stores; big scope for N.H.I.; main road position; busy thoroughfare. 16/12, Office of this Paper.



# BUSINESSES FOR DISPOSAL.

**BIRMINGHAM** (Erdington district).—Freehold, newly-erected, double-fronted Shop, with living accommodation, for Sale; competition; rapidly developing district; tram terminus; unique opportunity for young qualified Chemist with small capital; Panel Dispensing, Camera Supplies and Toilet requisites; easy terms if desired. Neale & Aldridge, 35 New-street, Birmingham.

**BIRMINGHAM SUBURB**.—New Pharmacy for Sale, with or without property; stock and fixtures £700 approx., or valuation; must be sold before Christmas; good reasons for sale; Kodak supplies; N.H.I.; growing district; takings well over £20 weekly first year; suit young Pharmacist requiring good living accommodation; fullest particulars to genuine applicants only. 16/34, Office of this Paper.

**BLACKPOOL**.—Established 7 years; turnover £1,850, increasing; stock and fixtures approximately £1,100; excellent profits; good reason for disposal; lease arranged, £150 per annum; £1,500 for quick sale; genuine bargain, which will be withdrawn if not sold quickly. Apply 2/35, Office of this Paper.

**CHESHIRE**.—Business for disposal, suitable for young qualified man; takings between £900 and £1,000; well stocked and stocked; long lease at low rental. Full particulars on application. 14/140, Office of this Paper.

**EAST COAST**.—£295 (or near offer), lock, stock and barrel, genuine Light Retail (lock-up) for immediate disposal, rough family reasons and ill-health of proprietor; no false offer regarding offer, which bears every investigation; same as 3 years; shop beautifully fitted and nicely stocked; moderate rent and rates; particulars at interview. "Genuine," 5/17, Office of this Paper.

**EAST KENT**.—Branch Business for immediate disposal at a bargain price; returns about £20 weekly; middle and working-class trade; Kodak Agency; nicely fitted; low rent; price £550; vendor's property; would sell freehold, also £550. "East Kent," 17/19, Office of this Paper.

**GLOUCESTERSHIRE**.—Old-established Retail Dispensing; Kodak Agency; gross returns approximately £2,000 per annum; double-fronted shop, good warehouse accommodation, and convenient house; price of property, £1,250; business and goodwill, £1,500. Valuation Dept., Southall Bros. & Barclay, Ltd., Lower Priory, Birmingham.

**HERTS**.—Village Pharmacy, carried on as Drug Store; qualified man needed; doing about £600 (part time); population about 2,000, with no opposition; lock-up shop; 10s. weekly clear with 2 years' lease to go; ample scope for side lines and N.H.I.; price £270. Apply 10/9, Office of this Paper.

**HULL**.—£200.—Chemist's Business for Sale; stock and fixtures on valuation; lock-up shop; rent £25 per annum. Apply P. Dutton, Victoria Chambers, Bowalley Lane, Hull.

**KENT COAST**.—Main street in important town; Corner Shop in prominent position; established 34 years; general Retail Dispensing, Optical, Photographic; returns approximately £1,450; freehold, with living accommodation; inclusive price £2,500; sale owing to death of late owner. P.C.B. 65/34, Office of this Paper.

**LEEDS**.—Returns during 1927, £1,000; in densely populated district; N.H.I. scripts average 200 per month; low rent; house available; price for quick sale £275, including stock and fixtures. Further particulars apply Charles E. Naylor, Chemists' Valuer, 170 Vesper Road, Kirkstall, Leeds. 'Phone: Horsforth 324.

**LONDON, N.W.**—Suburban Chemist and Druggist Business for disposal; on good lease at £52 per annum; returns £1,000 per annum at very good prices; well-fitted and stocked; most reasonable offer secures. 16/16, Office of this Paper.

**LONDON, S.E.**—Drug Stores for Sale in pleasant suburb; near station, bus and tram stop; 5-roomed house and small garden; established 12 years; returns last 12 months £1,000; good opening for N.H.I. and Optics; price £500. 17/1, Office of this Paper.

**LONDON, S.E.**—Exceptional opportunity, well-fitted and stocked Chemist's Business; under aged manager; doing £20 cash weekly; capable of vast increase in five hands; proprietorship changed once in 15 years; shop and parlour 15s. weekly; lease; bargain for quick sale. 18/9, Office of this Paper.

**LONDON, W.**—Smart, well-fitted Drug Store, doing over £30 per week at exceptional prices, in high-class residential neighbourhood; net profit nearly £10 per week on present turnover; needs qualified man to develop Dispensing side; only bona-fide inquiries giving banker's reference will be answered. 8/1, Office of this Paper.

**MIDDLESBROUGH DISTRICT**.—Old-established Chemist's Business for sale; Kodak Agency; good N.H.I.; returns for last three years average £1,900 at good profits; well-stocked and fitted; commodious premises with house above; price £1,300; property (freehold), £1,000. Apply 16/38, Office of this Paper.

**SOUTH-WEST LANCASHIRE**.—Good light Retail and N.H.I. Dispensing Business for Disposal; will bear strictest investigation; turnover £1,400; profits much above average; rent £38; rates £19; price £1,200; no triflers. Apply, with references, 6/31, Office of this Paper.

**STAFFORD**.—Old-established Business for disposal in main street; lease 14 years. Full particulars apply Dean & Son, 4 Market Square, Stafford.

**A SMART**, compact Branch Pharmacy, West Riding; two windows; electric; basement; good all-round stock; cash about £13 weekly; N.H.I. 400 monthly; capable of considerable increase under personal supervision; expenses low; doctor close at hand; middle class district; £250; bona-fide clients only. Please state when able to view. 16/33, Office of this Paper.

**DRUG STORES, E.**; must be sold through illness; £450, includes stock, fixtures, fittings and lease (12 years); living accommodation; could be sub-let; takings £945. 16/23, Office of this Paper.

**FIRST-CLASS** Chemist's Business in good residential town, 20 miles from London; turnover £3,750; best position; exceptional stock; very large house and garden; price, business £3,500, freehold £4,000; only genuine buyers need apply; no offers. 18/8, Office of this Paper.

**HIGH-CLASS SURGICAL BUSINESS** for Sale, with Proprietary Department, in Yorkshire; living accommodation; main road; easy rent; lease; ill-health reason for selling; attractive bargain for quick sale. Apply 135/718, Office of this Paper.

**LARGE** Drug Stores, established over six years, for Disposal or Partnership with succession; part premises let off; lock-up shop; abundant storage; room for N.H.I. and general business extension; stock, fixtures, etc., on valuation. Simpson, 161 King's Road, Old Trafford, Manchester.

**SMALL** Pharmacy in an important Yorkshire town; in the hands of a capable qualified Chemist present returns (£500) would very soon be doubled; first £350 secures stock, fixtures and goodwill. Further particulars apply Charles E. Naylor, Chemists' Valuer, 170 Vesper Road, Kirkstall, Leeds. 'Phone: Horsforth 324.

**SPLENDID** opportunity for young Chemist or one with small capital; healthy district in the North; well-fitted and stocked Drug Store; returns £952; no N.H.I. Chemist in the district; lock-up shop; low rent; price £225; stock at valuation, or to suit purchaser part can remain if necessary; no triflers; state when able to view. 14/27, Office of this Paper.

**£300**.—Business; North London; doing £20 p.w.; good lease; moderate rent; scope for big improvement. 16/31, Office of this Paper.

**£350**.—Leeds; working-class Business; low rent; well stocked; N.H.I. 500 monthly; doing £900, has done £1,200; could be easily increased by young man; opening for Photography. Near Sheffield; Pharmacy, with good house, doing £1,400; net profit £400; N.H.I. 350 monthly; low rent; price £550, or valuation terms. Marsden, Valuer, 44 Sholebrooke View, Leeds.

# BUSINESSES WANTED.

**ADVERTISER** wishes to meet with compact, profitable Business in pleasant locality South-West Midlands, West Coast; turnover about £2,000; buy or rent; strictest confidence; would wait for gentleman contemplating retirement. "West Midlands," 18/14, Office of this Paper.

**WANTED**, a sound Business, cash waiting, with turnover £5,000 or more; must bear strictest investigation; preliminary details to include lease and rental or price of freehold, returns, staff kept, reason of sale; all communications strictly private and confidential; references if required. 14/28, Office of this Paper.

**WANTED** to purchase a Drug Store, with or without accommodation, with scope for development, North of London. Particulars (in confidence) to BM/RWWR, London, W.C.1.

**WANTED** to Purchase a Drug Store with or without accommodation; neglected might suit; East or South London preferred; part cash and balance by arrangement. "Rheir," P.C.B. 65/36, Office of this Paper.



## PREMISES TO LET.

**PLAISTOW.**—Excellent Shop and Warehouse, accommodation to three floors totalling 1,200 ft.; shop frontage, 11 ft. 6 in.; depth 38 ft.; service lift installed inside and delivery plat, etc., to outside; rent £195 inclusive; garage account can be arranged. Apply R. Cheke & Co., 47 High Street, Plaistow, E.13.

**CHEMIST;** splendid opening; centre of busy shopping terrace; double window; only £150 rent. Estate Office, Chandos House, Buckingham Gate, S.W.1. Tel.: Vic. 8143.

**SPLENDID** Rooms above a Chemist's Shop suitable for a Dentist; no near opposition; busy industrial district; no premium; moderate rent; separate entrance; now vacant. H. S. Aplin, M.P.S., 16 Plumstead Road, Woolwich, S.E.18.

**TO** Let, old-established Chemist's Business Premises, including Residence (licensed for the sale of Wine and Spirits), 41 High Street, Maryport; vacant possession. Apply Ritson & Co., Ltd., Maryport, Cumberland.

## PREMISES FOR SALE.

**WESTON-SUPER-MARE.**—For Sale or Rent, commanding Shop Premises in main street, with good living accommodation; no opposition. P. E. Culling, F.N.A.A., 29 Oxford Street, Weston-super-Mare.

**WILLESDEN.**—Freehold; vacant possession; large, lofty, wide Shop Premises, over 100 ft. deep, with two self-contained flats over; main road; shopping centre; facing bus terminus; near Willesden Empire, B.T.H., and other large engineering works; bold advertising position; fitted as Chemists; no restrictions; suitable any business; price, freehold, £2,650, or offer; or smaller one, same road, £1,065. Write Owner, 8f Stanley Gardens, Cricklewood, or 'phone (night or day) Willesden 2138.

## APPOINTMENTS.

ROYAL FREE HOSPITAL, GRAY'S INN ROAD, W.C.1.

**A**PPPLICATIONS are invited for the vacant appointment of Second Assistant Dispenser. Candidates must hold the Minor qualification, and are requested to state previous experience and salary required, and supply copies of three recent testimonials, addressed to the undersigned on or before Monday, 19th November, 1928. Hours of duty 9 a.m. to 5.30 p.m., or later as circumstances necessitate.

REGINALD R. GARRATT,  
Secretary.

## SITUATIONS OPEN.

### RETAIL.

### [HOME.]

The ADVERTISER may if preferred have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

**BRIGHTON.**—Qualified Junior Assistant required for high-class Dispensing business. Please give full particulars in first letter; personal interview will be required. 137/773, Office of this Paper.

**BRISTOL.**—Qualified Manager required, December 31, for medium class Retail, with Photographic and N.H.I.; knowledge of Optics preferred. Please state experience, age, salary, with recent photo if possible, to C. A. Stokes, Chemist, 34 Lower Castle Street, Bristol.

**EAST MIDLANDS.**—Unqualified gentleman for permanency, now or later, for good-class light Retail and Dispensing; no N.H.I.; four assistants kept; must be first-class Dispenser and Window-dresser. Photograph (if possible), experience and salary required. 15/38, Office of this Paper.

**EDINBURGH.**—Wanted, for a high-class Dispensing business in West End, Unqualified Assistant; must be young and of good appearance. Enclose photo, with references, and state terms. 137/771, Office of this Paper.

**LONDON, N.W.**—Qualified Manager, about 30 years of age, for Family and Dispensing business in good suburb; exceptional opening for thoroughly capable man. Give full particulars in first letter, stating age, experience, salary required, and when at liberty. 14/141, Office of this Paper.

## PHOTOGRAPHS, TESTIMONIALS, &c.

When answering advertisements in this section applicants are strongly advised not to send (unless specially requested) ORIGINAL TESTIMONIALS or VALUABLE PHOTOGRAPHS. As can be readily understood, when an advertiser receives from 60 to 100 replies the task of returning photographs, testimonials, &c., is one of some difficulty.

**LONDON, S.E.**—Energetic, qualified Manager, married, required for business with house attached; good agreement for increase in takings. Apply, stating age, previous experience, salary required, and when at liberty, 14/14, Office of this Paper.

**LONDON, W.1.**—Qualified Assistant (male) wanted by the end of November for a high-class West-End Dispensing business; applicants having recently qualified would be considered. Please apply, giving full particulars of experience, etc., to 18.3, Office of this Paper.

**MANCHESTER (Near).**—Junior Assistant wanted at once for middle-class business. State age, salary required, experience and references. Apply 16/32, Office of this Paper.

**DISPENSER** or Improver wanted, used to Counter, male or lady, for East-End London business; must be permanently resident in London. Apply, with particulars, to P.C.B. 66.5, Office of this Paper.

**E.10.**—QUALIFIED lady required for Dispensing and Counter. Apply, stating age, references, and salary, to 15/11, Office of this Paper.

**HARRODS, LTD.**, require the services of a capable Unqualified Counter Assistant; must possess sound knowledge of West-End trade; to a smart man, aged 23-30, possessed of vision and initiative, every encouragement will be given. Apply personally before 11 o'clock, or write, in confidence, to the Staff Controller, Messrs. Harrods, Ltd., 44 Hans Crescent, S.W.

**HUBERT B. FIGG**, Chemist, Berkhamsted, requires qualified lady Assistant to manage branch. Send full particulars as regards age, height, wages, experience, etc., with first letter, including photo (snap), to be returned.

**JUNIOR** or Improver (male), 18-20, or would consider Part I Graduate as Apprentice; good training; trial month or more. Rees, Pharmaceutical Chemist, Loughborough Junction, S.W.9.

**JUNIOR** Assistant required. Apply, by letter, with full particulars of experience, age, height, and salary required, to Parkes Chemists, Ltd., 65 Harwood Street, London, N.W.1.

**LADY** Dispenser wanted for Doctor in Gillingham, Kent; must be well up in Book-keeping (typewriting preferred). Apply, with testimonials, etc., to 137/769, Office of this Paper.

**OPPORTUNITY.**—Wanted, superior young Pharmacist, recently qualified, for high-class business; excellent working conditions; easy hours; permanency. Application, with photograph, Manager, Philip Harris & Co., Pharmaceutical Specialists, Birmingham.

**PARKES CHEMISTS, LTD.**, have a vacancy for a lady Dispenser (Hall Certificate) with some Counter experience. Apply, by letter, with full particulars of experience, age, height, and salary required, to the Secretary, 65 Harwood Street, London, N.W.1.

**PHARMACY.**—Assistant (lady), unqualified, required for South-West district; must have general Pharmaceutical and shop experience. Apply, by letter, stating age, experience, and salary, to "Staff Manager," Royal Arsenal Co-operative Society, Ltd., 148 Powis Street, Woolwich, S.E.18. Endorse envelope "Pharmacy." Note.—Canvassing of members of the General Committee and officials will disqualify.

**QUALIFIED** Assistant (gentleman), not over 30 years of age, required as soon as possible; salary to commence £200 per annum; occasional Sunday duty. Apply, by letter, with full particulars, to the Pharmaceutist, St. Thomas's Hospital, S.E.1.

**QUALIFIED** lady Dispenser wanted; must have had best experience; duties Dispensing only. Apply, with photo, stating salary expected (outdoors), and the usual particulars, to Ralph Cuthbert, Ltd., Chemists, Westgate, Huddersfield.

**QUALIFIED** Managing Assistant; all considered, but preference to age 25-35; knowledge Optics; married; country experience; moderate salary; good house over shop; every opportunity succession on easy terms; good chance sedentary, semi-invalid (very healthy district). Ellis, Chemist, Abergavenny.



**QUALIFIED** Assistant, of good appearance, about 25-30, well up in Dispensing and general work. Give full particulars in first letter as to experience, etc., and state salary required (outdoors). Chater, Chemists, Watford.

**REQUIRED** before the end of November, all-round unqualified Assistant for good-class Family and Dispensing business; age 28 to 32; must have undeniable references. "Rhei," 137/767, Office of this Paper.

**SMART** lady Assistant (over 21 years of age) required for good-class business; mainly for Toilet Department; must be able to dress windows if required. 18/13, Office of this Paper.

**UNQUALIFIED** male Assistant wanted for November 26; must be accurate Dispenser. Please state age, height, references, and salary required. R. Glaister, 49 Abbey Road, London, N.W.8.

**WANTED**, smart, energetic young lady (unqualified) for the Chemist's Department; must have had good Dispensing experience and be a capable Counter hand. Apply, stating age, experience, and salary required, not later than first post Friday, November 16, 1928, to Co-operative Society, Ltd., Crown Street, Hebdon Bridge.

**WEST OF ENGLAND.**—Elderly gentleman as Shop Superintendent; easy hours; low pay; qualification essential; permanency. 16/28, Office of this Paper.

### WHOLESALE.

**INTELLIGENT** Typist required; knowledge Chemical and Drug trade; willing use Dictaphone. 137/768, Office of this Paper.

**LABORATORY** Chemist and Manager; must have had good Wholesale experience and have good organising ability; Lancashire county. Full particulars, stating age, etc. (in confidence), to 137/774, Office of this Paper.

**LONDON** Medical Detail Representative shortly required; must be well introduced to Consulting Physicians, Hospitals and Institutions; gentleman with Pharmaceutical qualifications and first-class knowledge of Endocrine Therapeutics desirable. Applicants should state age, experience, in confidence. Apply "Glands," 136/735, Office of this Paper.

**MANAGER** wanted, age not over 30 years, and with actual training in Drug Packing, Grocers' Sundries, etc., business; must be thoroughly experienced in every branch and capable of taking entire charge; none other will be entertained. Apply, stating age, details of past experience, salary required, and references (by letter only), to Pickard, Waller & Co., Paragon Works, Rutland Road, Sheffield.

**OLDFIELD, PATTINSON & CO.**, New Bridge Street, Manchester, require Pharmacist to take charge of the Laboratory; must understand the manufacture of all Galenicals and be a good organiser and disciplinarian. Apply by letter, giving full particulars of experience, and state salary required.

**REPRESENTATION** required by well-established firm of Manufacturing Chemists to sell Drugs and Galenicals on a commission basis; London and provinces. Apply in first instance to P.C.B. 66/8, Office of this Paper.

**REPRESENTATIVE** for Medical and General Drug trade; some experience essential; knowledge of Midlands an advantage. 137/772, Office of this Paper.

**REPRESENTATIVES** required for Yorkshire and the Midlands for full range of Packed Pharmaceuticals and Drugs; good commission and terms to men having sound connections; preference to those already working the grounds; non-competitive lines not objected to; all letters answered. Write fully in first instance to 15/39, Office of this Paper.

**REPRESENTATIVES** required in all territories to develop present sale of high-class advertised Toilet Preparations; only real live Salesmen, able to prove good records and with sound connections with Chemists, Stores and high-class Hairdressers, need apply; salary and commission; splendid opportunity for first-grade Salesmen. Write fully, in strict confidence, stating turnover, lines carried, territory, etc., to 16/25, Office of this Paper.

**TRAVELLER** wanted New Year by leading Perfumery House for Midlands and North, with experience among Chemists and Perfumers in that district preferred; age not over 40; able to drive car. Write, giving full particulars, to 137/770, Office of this Paper.

**WANTED**, first-class Travellers to carry well-known Safety Razor on good commission terms; state the territory worked and line carried. 136/741, Office of this Paper.

**WANTED**, a competent gentleman of good address (age about 30); must have first-class knowledge of Surgical Instruments and able to measure and fit Orthopaedic Appliances; preference given to one who has experience of calling upon Institutions. Apply, stating age, salary, and full particulars, to Reynolds & Branson, Ltd., 13 Briggate, Leeds.

### (COLONIAL, INDIAN AND FOREIGN.)

**RIVIERA.**—Competent, qualified Assistant (male) required (age 30 to 40), from December 15 to March 15; good appearance and address; used to good-class Dispensing; references; salary 2,000 francs per month and second class return fare. Pharmacie Daumas, Saint-Raphael, Var.

## SITUATIONS WANTED.

### RETAIL. [HOME.]

The ADVERTISER may if preferred have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

**A.A.A.**—COMPETENT Assistant desires post, whole or part time; all-round experience; abstainer; middle-aged; moderate salary; active; not afraid work; offers invited; disengaged; unregistered. "Aspirin," 34 Plimsoll Road, Finsbury Park, N.4.

**A.A.**—AN experienced Chemist and Optician, F.S.M.C., J.C.Q.O., shortly disengaged; either or both branches. "Chemist," 57 Mill Hill Road, Acton, W.3.

**A.A.**—EXPERIENCED Assistant; Dispensing, Counter and Window, etc.; 12 years in Retail pharmacy; London and provincial; unqualified; capable of taking charge; aged 28; married. Darling, Rural Cottage, Sandown, I.W.

**A.**—QUALIFIED lady, young, experienced, energetic, with initiative, seeks post at a busy Pharmacy, London; managing at present. P.C.B. 65/38, Office of this Paper.

**A.**—QUALIFIED, middle-aged Dispenser and Counter, used to quick N.H.I.; abstainer. "F. E.," 114 Bedford Hill, Balham, S.W.12.

**A** GOOD-CLASS. Qualified Man wants work, with Counter minimum. "M.," 55 Crawford Street, Baker Street, London, W.1.

**A** QUALIFIED Chemist desires Locum work; days, evenings or week; moderate terms; good references. "Pharmacist," 34 Kingscote Road, Croydon.

**A** CCURATE, competent Dispenser, age 30, M.P.S., "Square" trained, able to control, desires good permanent berth in West-End Stores; five years' previous West-End experience; highest references; available November 19. "Dexterity," "Hathersage," Ranelagh Road, Wellingborough.

**A** DVERTISER, disposing of his business, wishes to recommend his Manager, who has been with him nearly eight years; aged about 34. Apply 17/36, Office of this Paper.

**A** NY Pharmacist requiring permanent relief!—Another (middle-aged), whose remuneration was always above Insurance, varied experience, now seeks short hours, natural, good home life; in or outdoors; country town preferred. 17/18, Office of this Paper.

**A** S Manager; free November 17; M.P.S.; 29; used to entire control; excellent references. 17/10, Office of this Paper. Will Advertiser please send address?

**A** S Manager, 32, qualified, experienced all branches, including Optics, Wine and Spirit, etc., desires change; Yorkshire or Lancashire for preference. 5/28, Office of this Paper.

**A** S experienced man; Manager, Senior; Drug Stores; Prescriber. Salesman, Dispenser; smart, quick, neat. "G.," 130 Scott-Ellis Gardens, N.W.8.

**A** S Locum; qualified; long experience in all branches; active; excellent references; terms moderate. "S. C. L.," 54 Priory Road, West Hampstead, N.W.6. Phone: Hampstead 7151.

**A** SSISTANT or Locum; Counter, Dispensing, Photography; energetic; active; unqualified; good references; disengaged. "K.," 62 Blenheim Road, East Ham, E.6.

**A** SSISTANT; 33; married; 12 years' experience; good-class Retail, Dispensing and Photographic business, with living accommodation preferred, but not essential. Andrews, 101 Boundary Road, St. John's Wood, N.W.8.



**ASSISTANT**, 24, 6 years' experience, Counter, N.H.I., Photographic, Window-dressing, good references, desires situation in Birmingham, Newport or Cardiff. G. Morgan, 20 Walmer Road, Chepstow Road, Newport, Mon.

**ASSISTANT**, unqualified, experienced all branches, undeniable references, desires permanency; ambitious, quick and reliable; married; age 41; height 5 ft. 8½ in.; disengaged November 10; moderate salary. Holroyd, 13 Slade Road, Swinton, near Rotherham.

**ASSISTANT**; unqualified; married; good experience in Counter, Dispensing and Photography; age 27; height 5 ft. 10 in.; good references. S. A. Monk, 2 Loates Lane, Watford.

**ASSISTANT**; 24; unqualified; 7 years' good all-round experience (including West-End); passed Part I. "J. W.," 28 Willoughby Road, Acton Vale, W.3.

**ASSISTANT**, qualified, young, desires situation, London or S.E. England; references. Apply 14/22, Office of this Paper.

**ASSISTANT or Locum**; 20 years' Dispensing and Counter experience; long reference; abstainer; unqualified. Fall, 105 Tottenham Lane, Hornsey, N.8.

**ASSISTANT, junior (24)**, unqualified, seeks progressive position with good firm in London or suburbs; excellent all-round Counterman; Drugs, Toilet, Dispensing; unimpeachable references. "K.," 10 Gt. Prescott Street, E.

**ASSISTANT**; 25; qualified; 10 years' all-round experience; capable of taking charge. "M.P.S.," 49 Hawley Road, London, N.W.1.

**ASSISTANT**; married; 33; 15 years' good-class Retail and Dispensing business; with or without living accommodation. "M.," 16 Rce Lane, Kingsbury, N.W.9.

**ASSISTANT**; unqualified; 37; married; permanency; London; Wholesale or Retail; experienced and willing. Chivers, 13 Sandrock Road, Lewisham.

**BRADFORD-LEEDS**.—Book-keeping, Correspondence, or Ordering kept in order; evening, weekly, or fortnightly; valuable knowledge of competitive prices. 18/4 Office of this Paper.

**BRANCH Manager**; qualified; thoroughly experienced; references unquestionable; satisfaction; disengaged when suited; locality optional. "B.M.J.," 621 Forest Road, Walthamstow, E.17.

**BRANCH Manager or Counter Assistant**; qualified; 31; good experience; best references; at liberty. F. R. Smith, 34 Welbeck Avenue, Southampton.

**CAPABLE** and reliable lady Dispenser desires to assist Chemist, or lady Chemist, preferably new business or branch; references. "K. W.," 7 Athlerton Road, Forest Gate, Essex.

**CHEMIST-OPTICIAN**, with J.C.Q.O.; first-class all-round expert; later proprietor; as Manager, would open and supervise Optical department where scope on mutual terms. Write "M.P.S.," 11 Cambria Avenue, Ellesmere.

**DISENGAGED**; unqualified; middle-aged; active; reliable Dispenser (Insurance or Private), Stock-keeper, Counter. Fletcher, 91 Duncombe Road, Holloway, N.19.

**DISENGAGED**.—Locum, emergency, relief; any period; experienced; competent; reliable; industrious; terms reasonable. "W. J. B.," 56 Rudloe Road, Clapham Park, S.W.12.

**DISPENSER**.—Lady, 22 (Hall), requires post anywhere, temporary or permanent, with Institution or Doctor; previous experience in both capacities. Mary Chatburn, Barnes Square, Clayton-le-Moors, Accrington.

**DISPENSER (Hall)**, lady; disengaged; three years' Shop and Dispensing experience. Hand, 23 Strathfield Gardens, Barking, Essex.

**ESSEX or East London**.—Assistant; unqualified; tall; temporary or permanent; experienced. D'earth, 506 Green Lane, Seven Kings, Essex.

**EXPERIENCED Man**; unqualified; excellent references; immediate engagement; good Salesman, Dispenser; London only; whole or part time; low terms. 17/20, Office of this Paper.

**EXPERIENCED Saleswoman**, Toilet, Drugs and Perfumery; disengaged. Miss Driffield, c/o Mrs. Patrick, 14 Leicester Street, Leamington Spa, Warwickshire.

**EXPERIENCED Assistant**; sole, senior or manage under principal; best varied experience; Dispensing, Counter, Prescribing, International, Photographic, Prescription Optics; unregistered; energetic; business-building personality; disengaged. "N.," 21 Albion Place, Maidstone.

## NAMES AND ADDRESSES.

When sending advertisements for any of the sections in this Supplement, advertisers—as a guarantee of good faith, and not necessarily for publication—should always give their names and addresses. It sometimes occurs that this rule is not followed and delay and disappointment ensues. Strict attention to this detail will be appreciated.

**EXPERIENCED Chemist** desires Managership; present business changed owner; all-round experience; highest references; disengaged. Collitt, 85 Roll Gardens, Ilford.

**JUNIOR Assistant**; 21; London preferred, not essential; Dispensing, Photo, Counter. 80 Brampton Road, St. Albans.

**JUNIOR Assistant**, excellent Dispensing and Counter experience, desires post in Bristol, Weston-super-Mare or Bridgewater. Minifie, 18 Moorland Road, Weston-super-Mare.

**JUNIOR**, 23, just completing apprenticeship, seeks post as Improver or Assistant; good all-round experience; excellent references. 17/7, Office of this Paper.

**JUNIOR**, 21, seeks Counter position; good Salesman; desires Dispensing experience; excellent reference; Birmingham preferred, but not essential; disengaged. 19/12, Office of this Paper.

**LADY Assistant**; 23; 6 years' experience, Counter, Dispensing, Photography; unqualified; between Goodmayes and Stratford preferred. 16/5, Office of this Paper.

**LADY Dispenser** requires post with Doctor, Hospital or Chemist; good references. Apply "W.," Brockley Villa, Oxford Street, Rotherham.

**LADY Dispenser-Secretary (Hall)**; 14 years' good testimonials; minor dressings; Doctor or Institution. "P.," 4 Percy Road, Broadstairs.

**LADY Dispenser (Hall)** desires post with Doctor or Chemist; locum experience; good references; town or country; moderate salary; now disengaged. 17/6, Office of this Paper.

**LIVE**, experienced, qualified; Agricultural, Photographic, Dispensing, Prescribing; good appearance; Salesman; disengaged; £4; interview. "Chemist," 41 Kirkgate, Ripon.

**LIVERPOOL OR SUBURBS**.—M.P.S., 32, desires permanency; capable Manager; good all-round experience and Photographic; excellent Dispenser; excellent references; good Prescriber; total abstainer; disengaged. "Pharmacist," 26 Kirkdale Vale, Liverpool, N.

**LOCUM**, or part time; highest references; entire charge; terms moderate; wide experience. "Chemicus," 12 Upper Richmond Road, Putney, S.W.15.

**MANAGER**, Assistant, or Superintendent for Company.  
London. Middle-aged.  
Salary £4 a week.  
**SUMMERS**, 98 Greyhound Lane, Streatham Common, S.W.

**MANAGER**, 36, single, desires post, London district; good all-round experience. 16/3, Office of this Paper.

**MANAGERSHIP**, with living accommodation, required by Pharmacist; age 29 and married; at present managing a business in S.W.1 district; one month's notice would be required by present employer. "Pharmacist," c/o H. Whiting, 20 Welham Road, S.W.16.

**MANCHESTER AND DISTRICT**.—Qualified, 26, desires post as Manager, with scope for man with initiative; excellent experience in all branches. 16/24, Office of this Paper.

**MIDDLE-AGED** unqualified Chemist requires full, part-time or Locum work; 25 years' reference. Webb, 93 Cbichele Road, Cricklewood, London, N.W.2.

**M.P.S.**, LADY (young), requires post; Bradford-Leeds preferred; quick; reliable; Square trained; free November 24. 13/14, Office of this Paper.

**M.P.S.** WANTS position as Locum for fortnight, commencing November 12. Galliver, 25 Eardley Road, Streatham, S.W.16.

**M.P.S.**, YOUNG, energetic, and with excellent Dispensing, Photographic and Counter experience, desires situation; highest references. 16/15, Office of this Paper.



**PART II** Student desires evening occupation; easy reach of below address. Coxon, 19 Rodenhurst Road, Clapham Park, W.4.

**PART-TIME**, evening, 6-12, highclass Pharmacy in London only. Apply "R. T.," "Benmore," Riverdale Gardens, Wickenham.

**POST** wanted with Doctor, Nurse (39); C.M.B. Dispenser; quiet and adaptable. "J.," 75 Lamb's Conduit Street, W.C.1.

**QUALIFIED** Manager, with first-class experience and credentials, desires permanency; London preferred; Locum fill suited. "Phenacetin," 8 Carlyle Mansions, The Mall, Church Street, Kensington, W.

**QUALIFIED**; single; 46; good all-round experience; excellent references; now disengaged "S.," 59 Lytchett Minster, Poole, Dorset.

**QUALIFIED** Assistant; 12 years' good experience, Dispensing, Counter, and Photographic. Miss R. M. Shepherd, M.P.S., 16 Hill Road, Clevedon, Somerset.

**QUALIFIED** Branch Manager, thoroughly experienced, willing and obliging, excellent references, desires permanency; 37; married; house if available; South or West England preferred. 13/7, Office of this Paper.

**QUALIFIED**, all-round experience as Manager, 5 years London, at present on South Coast, exceptional Prescriber, accustomed to sole management, active worker and ambitious, desires permanency, any locality; London preferred. "Pharmacist," 13/8, Office of this Paper.

**QUALIFIED**, aged 22, requires situation; 5½ years' good-class Dispensing, Photography and Window-dressing; has experience of Agricultural requirements. Baron, Winchester Avenue, Blyth, Northumberland.

**QUALIFIED** lady, 21, desires position in London; Dispensing and general Retail. 17/22, Office of this Paper.

**QUALIFIED**, 32, single, desires change; Manager or Assistant; Birmingham or district; excellent experience; reliable. 17/34, Office of this Paper.

**QUALIFIED**, 24, requires position in good-class Dispensing business, anywhere; disengaged; abstainer. E. Hunt, 3 Westborough, Scarborough.

**QUALIFIED**, taking final F.S.M.C. next week, requires berth at Pharmacy or Optics, or both; would accept small salary in return for easy hours; near London preferred. C. H. Rigden, 19 Guilford Street, W.C.1.

**QUALIFIED**, 22, tall, disengaged, all-round experience, desires permanency in good Dispensing business. 14/34, Office of this Paper.

**QUALIFIED**, 32, married, desires position as Manager or Senior Assistant; Midlands or North Wales preferred (Welsh speaking); thorough all-round experience; not afraid of work; 5 years as manager; well recommended. Roberts, 314 Hobmoor Road, Small Heath, Birmingham.

**QUALIFIED**, 23, requires position, Manager or Assistant; experienced all branches; excellent references; disengaged. Berry, 61 Carmill Road, Billinge, Wigan.

**QUALIFIED** (recently); 21; Square trained; Locum or permanency; all-round experience; good references. W. Ziman, 66 Kenninghall Road, London, E.5.

**QUALIFIED**, experienced in all branches, seeks post in London; Assistant or managing; University Graduate. P.C.B. 65/350, Office of this Paper.

**QUALIFIED** desires berth where genuine opportunity to increase business turnover; good worker; 10 years' experience, London and provinces. Apply "Statim," 85 Stanley Road, Teddington, Middlesex.

**QUALIFIED** Manager; elderly; active; highest testimonials; disengaged. "M.P.S.," Tamar House, Beaulieu Road, Christchurch.

**QUALIFIED**, age 26, 5 ft. 9 in., desires post as Manager or Senior Assistant; good experience (University City); excellent references; capable and trustworthy; South Wales district preferred; disengaged. L. Rosenbaum, King Street, Treforest, Pontypridd.

**QUALIFIED**, 22, Square trained, desires experience South Coast (Hastings district preferred); wages secondary consideration. "M.P.S.," 37 Bohemia Road, St. Leonards-on-Sea.

**SECRETARY-DISPENSER** requires post with Doctor immediately; excellent references; salary from £3; will do Locum duty. 13/9, Office of this Paper.

**UNQUALIFIED** Assistant desires a change; London preferred; over 4 years' good experience in Dispensing, Counter, Photo and Window-dressing. 14/33, Office of this Paper.

**UNQUALIFIED**, 27, tall, married, 12 years' experience, tactful Salesman, competent Dispenser-Prescriber, desires permanency; any district; disengaged November 19. "D.," 69 Wainalong Road, Salisbury.

**WANTED**, a permanent and progressive position in Manchester or Liverpool by a smart Chemist and Optician, M.P.S., F.S.M.C., F.B.O.A.; on the J.C.Q.O.; 8 years' excellent experience; capable Refractionist and Dispenser; young and tall; interview at any time. 19/13, Office of this Paper.

**WOMAN** Pharmacist, Minor, desires small part-time post. Apply "M.," 17/13, Office of this Paper.

**YOUNG** Lady, 22 years, passed Materia Medica, Chemistry, desires post with Doctor, Hospital or Dispensary; small salary. 17/17, Office of this Paper.

### WHOLESALE.

**ADVERTISER** desires post in Wholesale House; Sundries or Proprietary; 6 years' Eastern, 15 years' Continental Retail experience, last 8½ of which manager of pharmacy; energetic; not afraid of work. Please apply "Pharmacist," 274/28, Office of this Paper.

**ADVERTISER**, with connection in North-Eastern Counties, desires to represent Perfumery House of repute; able to drive car and has excellent knowledge of ground. 14/19, Office of this Paper.

**ADVERTISER** wishes to represent Wholesale House, Manchester and district; long inside experience leading Drug House; Drugs, Sundries, etc.; thorough knowledge requirements of the trade in the district. 17/24, Office of this Paper.

**CHEMIST'S** Son, aged 25, conscientious and reliable, desires position in Wholesale House, with view to Travelling; seven years' Retail experience. 17/30, Office of this Paper.

**CLERK**; thorough knowledge trade; home and export experience; conscientious worker; moderate salary. "J. D.," 130 Rushmore Road, London, E.5.

**EXPERIENCED** Representative, excellent connection South Coast and Western Counties, desires re-engagement with good house; Drugs, Sundries or Proprietary. 17/27, Office of this Paper.

**GENTLEMAN** now open to represent first-class Proprietary Soap or Toilet House; N.E. Coast; interview arranged. Apply 16/20, Office of this Paper.

**GENTLEMAN**, with extensive connection among Chemists in South and South-West of England, desires representation with firm of repute; highest references; lengthy Retail experience prior to Wholesale; disengaged. 17/21, Office of this Paper.

**GENTLEMAN**, with 13 years' English and Dominion experience in Drug trade and in the evolving of Beauty and Toilet Preparations, seeks position; excellent references. 137/775, Office of this Paper.

**PHARMACIST**, with Science Degree, excellent experience, seeks post with Wholesale House; Laboratory, sales, or outdoor representation. P.C.B. 65/35, Office of this Paper.

**REPRESENTATIVE**, keen salesman, 8 years' established London connection, Wholesalers, Stores, Multiple Shops and Chemists, seeks change. P.C.B. 66/7, Office of this Paper.

**TRAVELLER**, established connection, is open for any good first-class lines on commission or sale; representation for good house. Apply 17/16, Office of this Paper.

### (COLONIAL, INDIAN AND FOREIGN).

**ASSISTANT**, 33, 10 years' International Pharmacy experience, fluent French, German, Italian, desires situation anywhere. 137/776, Office of this Paper.

### FOR SALE.

**FOR** Sale, Remington's £70 Cash Till; new 1927. What offer? Apply 14/25, Office of this Paper.



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**S. E. HACKETT, 23 July Rd., Liverpool**

### MISCELLANEOUS.

**MCADAM & TUCKNISS**, Stock and Share Brokers and Dealers, Westminster Bank Chambers, Blackheath, London, S.E.3. Established 1898. Telephone: Lee Green 0081. Shares for Sale, free of commission (subject):—500 Beechams Defd., 4s. 10½d.; 500 Cresce & Blackwell Ord., 5s. 7½d.; 300 Idris "B", 7% Pfs., 19s.; 300 Lever 7% Pfs., 23s. 7½d.; 300 x 8% Pfs., 23s. 7½d.; 500 Low Temp. (Coalite), 3s. 2d.; 250 Phosferine 8% Ptg. Ord., 21s. 9d.; 500 Photo Matik 1s. shares, 6d. paid, 1s. 3d.; 500 foreign 1s. fully paid, 11½d.; 200 Reckitts, 83s. 9d.; 170 Virol 7% Pfs., 23s.; Wanted (subject):—Allenburys; 800 Beechams Defd., 4s. 3d.; 500 Brit. Drug Ord., 22s. 7½d.; Camwal; Idris; Lewis & Burrows.

**CHEMIST FITTINGS**.—Complete Fittings in stock. Ranges of Drug Drawers with glass labels, shelving and lockers, glass-fronted Counters, Dispensing Screens, Wall Cases, etc.; all made in sections which any local man can fix. Also Second-hand Fittings, Shop Rounds (ribbon and recess labels); Cash Tills from 15s. 6d.; Kwik-Sale Case, special Chemist design. **D. MATTHEWS & SON**, Chemist Fitters, 14 and 16 Manchester Street, Liverpool.

**SECOND-HAND CHEMISTS' FITTINGS**.—We have an exceptionally fine selection of these in all sizes; prices are right, and goods are in first-class condition; we shall be pleased to supply particulars and prices. Call or write, **RUDDUCK & CO.**, 219 Old Street, London, E.C.1.

**£77 10s.** for set of Mahogany Fittings, consisting of 10 ft. Drug Run fitted glass-knobbed and labelled drawers, lockers, etc.; 8 ft. glass-fronted Counter, 6 ft. Wall-case, 6 ft. Dispensing Screen, Perfumery Case and Desk, Cash Till; would separate; illustrations on request. **E. BERG, LTD.**, 336 Old Street, London, E.C.1.

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### EXCHANGE COLUMN.

#### FOR DISPOSAL.

**EXCHANGE** "Econsign," 60s., never used, for saleable Patents, Beechams, Cassell's, Doan's, Richardson, Annan.  
**MAHOGANY COUNTER**, 10 ft. 20 drawers, bargain, £4; two 8-gallon Show Glass Carboys, 30s. Field, 60 Loftus Road, Shepherd's Bush.

#### WANTED.

**CASES** cheap, Vacuum Flasks, Optical Apparatus, Window Fittings, etc. Ellis, Chemist, Abergavenny.  
**TOOTH-BRUSH CASE**, revolving front, Maw's fig. 6133E; perfect condition. Scholefield, Chemist, Bexhill.  
**"PHARMACEUTICAL FORMULAS"**—Second-hand copy required. State condition and price to Fowle & Boden, Ltd., 29/35 City Road, London.  
**GOWER**, Chemists' Bookseller, 41 Voltaire Road, Clapham, wants Pharmaceutical Books, including Pharmaceutical Formulas, B.P.C., P.J.F., Optical Books.  
**SECOND-HAND STOCK AND DRUG FITTING**, 10 ft. long and 8 ft. 6 in. high; Counter, 10 ft. long, with Dispensing Screen one end, right-handed; Wall Case, about 7 ft. 6 in. Pym, Llandaff North, Cardiff.

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